



3001 Miller Road  
P.O. Box 1699  
Dearborn, MI 48121

July 25, 2007

Chief, Air Enforcement and Compliance Assurance Branch  
Air and Radiation Division (AE-17J)  
USEPA, Region 5  
77 West Jackson Boulevard  
Chicago, IL 60604-3590



Attention: Enforcement Tracker

Subject: United States of America and Michigan Department of Environmental Quality v.  
Severstal North America, Inc. – Civil Action Nos. 00-75452 and 00-75454,  
USAO File No. 1999 00492, DOJ Case No. 90-5-2-1-2211/1 – Quarterly Report

Per Section V, paragraph 21 of the subject Civil Actions, attached is Severstal's quarterly report for April – June 2007.

The demonstration report for the "B" Blast Furnace Casthouse demonstration, which was completed on September 19, 2002, was submitted on October 16, 2002. Rouge Steel received the written notice of compliance from EPA pursuant to paragraph 11(d) on November 13, 2002. The list of O&M practices and emission control technologies to use on an ongoing basis was incorporated into the Consent Decree on June 25, 2004.

The BOF demonstration was completed October 28, 2002, and the demonstration report was submitted on November 22, 2002. After completion of a dispute resolution process regarding O&M practices and emission control technologies to be used at the BOF, a Stipulation regarding BOF O&M practices was filed with the Court on October 25, 2006, and the list of O&M practices to be used at the BOF was filed with the Court and incorporated into the Consent Order on October 30, 2006.

The demonstration report for the "C" Blast Furnace Casthouse demonstration, which was completed on February 7, 2003, was submitted on February 13, 2003. Rouge Steel received the written notice of compliance from EPA pursuant to paragraph 11(d) on March 17, 2003. The list of O&M practices and emission control technologies to use on an ongoing basis was incorporated into the Consent Decree on June 25, 2004. On September 27, 2005, Severstal received revised O&M practices and emission control technologies for the natural gas flow rates at the taphole/trough and iron runner and spouts, which are currently in use.

Please feel free to contact me at (313) 845-3217, if you have any questions regarding this subject.



Very truly yours,



D. S. Windeler, Manager  
Environmental Engineering

Attachments

cc: Gaylene Vasaturo, Esq.  
Ms. Teresa Seidel  
Scott R. Dismukes, Esq.

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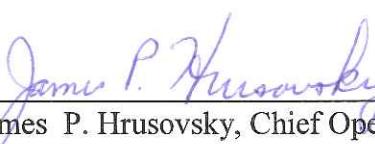


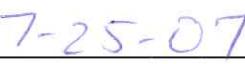
**SEVERSTAL NORTH AMERICA, INC.**  
**CIVIL ACTION NOS. 00-75452 AND 00-75454**

**QUARTERLY REPORT FOR APRIL 1 – JUNE 30, 2007**

<b>SECTION IV MONITORING</b>	<b>RESULTS</b>
Conduct VE Observations of "C" Blast Furnace Bleeders	See attached VE data sheets
Conduct Weekly VE Observations of "B" Blast Furnace Casthouse	See attached VE data sheets, 5 weeks no VE readings due to furnace outage
Conduct Weekly VE Observations of BOF Roof Monitors	See attached VE data sheets
Conduct Weekly VE Observations of "C" Blast Furnace Casthouse	See attached VE data sheets
VE Observations of "B" and "C" Roof Monitors when burning open taphole	See attached VE data sheets
VE Observations of ESP Stack when one complete ESP compartment is out of service	See attached VE data sheets
O&M practices and Control Technologies For B BF	See Exhibit A
O&M practices and Control Technologies For C BF	See Exhibit B
O&M practices and Control Technologies For BOF	See Exhibit C
MDEQ ROP Report Certification and Deviation Report	See Exhibit D

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my directions and my inquiry of the person(s) who manage the system or are directly responsible for gathering the information, the information submitted in this document is true, accurate and complete to the best of my knowledge and belief. I understand that there are penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

  
\_\_\_\_\_  
James P. Hrusovsky, Chief Operating Officer

  
\_\_\_\_\_  
Date



**EXHIBIT A**  
**SEVERSTAL NORTH AMERICA, INC.**

**CIVIL ACTION NOS. 00-75452 AND 00-75454**

**APRIL 1 - JUNE 30, 2007**  
**O AND M MONITORING**  
**B BLAST FURNACE**

<b>REQUIREMENT</b>	<b>RESULTS</b>
<b><u>GENERAL</u></b>	
Use of natural gas suppression	See attached deviation report
Tap hole/trough natural gas suppression flow rate $\geq$ 135 scfm	See attached deviation report
Record taphole/trough natural gas suppression flow rate once per cast	Met every cast
Iron runners/iron spouts natural gas suppression flow rate $\geq$ 207 scfm	See attached deviation report
Record iron runners/iron spouts natural gas suppression flow rate once per cast	Met every cast
Gas lance usage requirements	Met every cast
Trough and Iron runner covers in place	See attached deviation report
<b>TAPHOLE AREA</b>	
Taphole Burned open	4:50 PM (no start time recorded) on 4/3/07, 2:45 - 3:00 PM on 4/20/07, 5:20 - 6:15 PM on 4/20/07, 4:25 - 4:50 PM on 4/21/07, 8:30 PM (no start time recorded) on 6/7/07, 11:30 - 12:00 PM on 6/8/07, 1:50 - 1:55 PM on 6/8/07, 10:50 - 11:00 AM on 6/12/07, 4:55 PM (no start time recorded) on 6/12/07, 3:35 - 4:15 PM on 6/13/07, 5:55 - 6:15 PM on 6/13/07, 6:35 - 6:45 PM on 6/23, 5:35 AM (no start time recorded) on 6/28/07



**EXHIBIT A**  
**SEVERSTAL NORTH AMERICA, INC.**

**CIVIL ACTION NOS. 00-75452 AND 00-75454**

**APRIL 1 - JUNE 30, 2007  
O AND M MONITORING  
B BLAST FURNACE**

<b>REQUIREMENT</b>	<b>RESULTS</b>
Visible emission observations within 5 mintutes of starting burning open of taphole	See attached deviation report
drill bit <= 2" diameter	See attached deviation report
Natural gas suppression operating continuously during specified times	See attached deviation report
<b>TROUGH</b>	
Natural gas suppression operating continuously during specified times	See attached deviation report
Sealing of covered area	See attached deviation report
<b>IRON RUNNERS</b>	
Natural gas suppression operating continuously during specified times	See attached deviation report
<b>IRON SPOUTS</b>	
Natural gas suppression operating continuously during specified times	See attached deviation report
Heating of iron ladles	Met every cast



**EXHIBIT B**  
**SEVERSTAL NORTH AMERICA, INC.**

**CIVIL ACTION NOS. 00-75452 AND 00-75454**

**APRIL 1 - JUNE 30, 2007 O AND M MONITORING  
C BLAST FURNACE**

<b>REQUIREMENT</b>	<b>RESULTS</b>
<b><u>GENERAL</u></b>	
Use of natural gas suppression	See attached deviation report
Tap hole/trough natural gas suppression flow rate $\geq$ 440 scfm	See attached deviation report
Record taphole/trough natural gas suppression flow rate once per cast	See attached deviation report
Iron runners/iron spouts natural gas suppression flow rate $\geq$ 760 scfm	See attached deviation report
Record iron runners/iron spouts natural gas suppression flow rate once per cast	Met every cast
Gas lance usage requirements	See attached deviation report
Iron runner covers in place	See attached deviation report
<b><u>TAPHOLE AREA</u></b>	
Taphole Burned Open	6:00 PM (no start time recorded) on 4/5/07, 3:00 - 3:05 PM on 4/24/07, 12:50 - 1:10 PM on 5/18/07, 11:05 - 11:20 AM on 6/27, 9:40 PM and 11:20 PM (no start times recorded) on 6/30/07
Visible emission observations within 5 mintutes of starting burning open of taphole	See attached deviation report
drill bit $\leq$ 2 1/4" diameter	Met every cast
Fire resistant gasket on mudgun	Used every cast
Natural gas suppression operating continuously during specified times	See attached deviation report



**EXHIBIT B**  
**SEVERSTAL NORTH AMERICA, INC.**

**CIVIL ACTION NOS. 00-75452 AND 00-75454**

**APRIL 1 - JUNE 30, 2007 O AND M MONITORING  
C BLAST FURNACE**

<b>REQUIREMENT</b>	<b>RESULTS</b>
<b>TROUGH</b>	
Natural gas suppression operating continuously during specified times	See attached deviation report
<b>IRON RUNNERS</b>	
Natural gas suppression operating continuously during specified times	See attached deviation report
<b>IRON SPOUTS</b>	
Natural gas suppression operating continuously during specified times	See attached deviation report
Heating of iron ladles	Met every cast



**EXHIBIT C**  
**SEVERSTAL NORTH AMERICA, INC.**

**CIVIL ACTION NOS. 00-75452 AND 00-75454**

**APRIL 1 - JUNE 30, 2007 O AND M MONITORING  
BASIC OXYGEN FURNACE**

REQUIREMENT	RESULTS
<b><u>GENERAL</u></b>	
Submit final Emission Control Alternatives to Reduce Emissions from Treadwell Cars Report to MDEQ	Report submitted on January 4, 2007
There shall be no visible emissions escaping into the shop through the expansion joints of the furnace hoods during oxygen blowing	Met every heat
<b><u>HOT METAL CHARGING</u></b>	
Hot metal charge into furnace shall not be less than 90 seconds in duration	See attached deviation report
Furnace angle shall not be less than 320 degrees from the vertical at the beginning of the charge. The furnace angle shall not be less than 300 degrees at the end of charge, except when the hot metal charge duration is at least 120 seconds	Met every charge
Humidification steam shall be in operation during hot metal charge	Met every charge
Fugitive emission duct damper shall be fully opened during hot metal charge	See attached deviation report
The furnace exhaust damper shall be fully opened during hot metal charge	See attached deviation report
Area between the fugitive emission duct hood and furnace exhaust hood shall be totally covered with shrouds	Met every charge



**EXHIBIT C**  
**SEVERSTAL NORTH AMERICA, INC.**

**CIVIL ACTION NOS. 00-75452 AND 00-75454**

**APRIL 1 - JUNE 30, 2007 O AND M MONITORING  
BASIC OXYGEN FURNACE**

1

REQUIREMENT	RESULTS
<b>OXYGEN BLOWING</b>	
Fugitive emission duct damper shall be closed during oxygen blowing	Met every heat
The furnace exhaust damper shall be fully opened during oxygen blowing	Met every heat
Oxygen blow rate shall not exceed 24,500 scfm	Met every heat
Oxygen blow rate shall be reduced to approximately 18,000 scfm during and between minutes 8 and 14 of the blow	See attached deviation report
<b>TURNDOWN</b>	
If any emissions during initial turndown that are not captured by the furnace hood, upright vessel. If during a second turndown, there are any emissions that are not captured by the hood, there shall be no more turndowns for that heat	Met every heat
<b>TAPPING</b>	
The furnace exhaust hood shall be used to capture emissions from all tapping operations until any addition of conditioners to the steel ladle are complete	Met every heat



**EXHIBIT C**  
**SEVERSTAL NORTH AMERICA, INC.**

**CIVIL ACTION NOS. 00-75452 AND 00-75454**

**APRIL 1 - JUNE 30, 2007 O AND M MONITORING  
BASIC OXYGEN FURNACE**

<b>REQUIREMENT</b>	<b>RESULTS</b>
<b>ESP</b>	
Visible emission reading for the ESP stack for two consecutive hours each day one or more complete compartments is out of service	Met every time
<b>VESSEL OPERATIONS</b>	
Shall not hot metal charge and tap and hot metal charge and oxygen blow simultaneously	Met every heat



## **EXHIBIT D**



**DEQ**  
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**RENEWABLE OPERATING PERMIT  
REPORT CERTIFICATION**

Authorized by 1994 P.A. 451, as amended. Failure to provide this information may result in civil and/or criminal penalties.

Reports submitted pursuant to R 336.1213 (Rule 213), subrules (3)(c) and/or (4)(c), of Michigan's Renewable Operating Permit (ROP) program must be certified by a responsible official. Additional information regarding the reports and documentation listed below must be kept on file for at least 5 years, as specified in Rule 213(3)(b)(ii), and be made available to the Department of Environmental Quality, Air Quality Division upon request.

Source Name Severstal North America, Inc. County Wayne  
Source Address 3001 Miller Road City Dearborn  
AQD Source ID (SRN) A8640 ROP No. 199700004 ROP Section No. 1

Please check the appropriate box(es):

**Annual Compliance Certification (Pursuant to Rule 213(4)(c))**

Reporting period (provide inclusive dates): From \_\_\_\_\_ To \_\_\_\_\_

1. During the entire reporting period, this source was in compliance with **ALL** terms and conditions contained in the ROP, each term and condition of which is identified and included by this reference. The method(s) used to determine compliance is/are the method(s) specified in the ROP.
2. During the entire reporting period this source was in compliance with all terms and conditions contained in the ROP, each term and condition of which is identified and included by this reference, **EXCEPT** for the deviations identified on the enclosed deviation report(s). The method used to determine compliance for each term and condition is the method specified in the ROP, unless otherwise indicated and described on the enclosed deviation report(s).

**Semi-Annual (or More Frequent) Report Certification (Pursuant to Rule 213(3)(c))**

Reporting period (provide inclusive dates): From \_\_\_\_\_ To \_\_\_\_\_

1. During the entire reporting period, **ALL** monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements or any other terms or conditions occurred.
2. During the entire reporting period, all monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements or any other terms or conditions occurred, **EXCEPT** for the deviations identified on the enclosed deviation report(s).

**Other Report Certification**

Reporting period (provide inclusive dates): From 4/1/07 To 6/30/07

Additional monitoring reports or other applicable documents required by the ROP are attached as described:

United States of America and Michigan Department of Environmental Quality v.

Severstal North America, Inc. - Civil Action Nos. 00-75452

and 00-75454, USAO File No. 1999 00492, DOJ Case No. 90-5-2-1-2211/1 - Quarterly Report

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in this report and the supporting enclosures are true, accurate and complete

James P. Hrusovsky

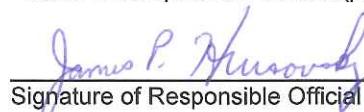
Name of Responsible Official (print or type)

Chief Operating Officer

(313) 323-1540

Title

Phone Number

  
Signature of Responsible Official

7/25/07

Date





MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**RENEWABLE OPERATING PERMIT  
DEVIATION REPORT**

Authorized by 1994 P.A. 451, as amended. Failure to provide this information may result in civil and/or criminal penalties.

This form may be submitted in conjunction with the Renewable Operating Permit Report Certification form (EQP 5736) to report deviations from all general conditions and special conditions in the Renewable Operating Permit (ROP) for which deviations required to be reported by R 336.1213 (Rule 213) subrule (3)(c) have occurred. Additional information regarding the reports and documentation listed below must be kept on file for at least 5 years, as specified in Rule 213(3)(b)(ii), and be made available to the Department of Environmental Quality, Air Quality Division, upon request. Items 1 - 8 must be completed for all deviations being reported.

Source Name Severstal North America, Inc. County Wayne

Source Address 3001 Miller Road City Dearborn

AQD Source ID (SRN) A8640 ROP No. 199700004 ROP Section No. 1

ROP Section Contact D. S. Windeler Contact Phone No. (313) 845-3217

Reporting Period (provide inclusive dates): From 4/01/07 to 6/30/07

Report Type:  Annual  Semi Annual  Other (Describe) USEPA Consent Decree Quarterly Report

1. Group or Source Wide ID <u>EGBBFCASTHOUSE</u>	2. Condition No. <u>V.3</u>	3. Date(s) of Occurrence <u>4/22/07, 6/28/07</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation <u>3 Casts</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Natural gas flow rate for fume suppression at taphole and trough was less than 135 scfm for more than brief periods.		

8. Reason for Deviation and Description of Corrective Action Taken  
Occurred during shutdown of Blast Furnace.

1. Group or Source Wide ID <u>EGBBFCASTHOUSE</u>	2. Condition No. <u>V.3</u>	3. Date(s) of Occurrence <u>6/7/07, 6/8/07 6/9/07, 6/12/07 6/15/07, 6/26/07</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation <u>10 Casts</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Drill bit used for opening the taphole was more than 2 inches in diameter.		

8. Reason for Deviation and Description of Corrective Action Taken  
Abnormal operating condition. Resumed using 2 inch diameter drill bit after condition ended.

1. Group or Source Wide ID <u>EGBBFCASTHOUSE</u>	2. Condition No. <u>V.3</u>	3. Date(s) of Occurrence <u>6/5/07</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation <u>8 Casts</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Iron runner covers not in position.		

8. Reason for Deviation and Description of Corrective Action Taken

Occurred during startup of Blast Furnace. Covers placed in position after startup was completed.





MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**RENEWABLE OPERATING PERMIT  
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Source Name	Severstal North America, Inc.			County	Wayne
Source Address	3001 Miller Road			City	Dearborn
AQD Source ID (SRN)	A8640	ROP No.	199700004	ROP Section No.	1
ROP Section Contact	D. S. Windeler			Contact Phone No.	(313) 845-3217
Reporting Period (provide inclusive dates):	From	4/01/07	to	6/30/07	
Report Type:	<input type="checkbox"/> Annual <input type="checkbox"/> Semi Annual <input checked="" type="checkbox"/> Other (Describe) USEPA Consent Decree Quarterly Report				

1. Group or Source Wide ID EGBBFCASTHOUSE	2. Condition No. V.3	3. Date(s) of Occurrence 4/7/07, 6/12/07 6/13/07, 6/14/07	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation 8 Casts
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Natural gas flow rate for fume suppression at taphole and trough was less than 135 scfm for more than brief periods.		
8. Reason for Deviation and Description of Corrective Action Taken These were temporary conditions and no specific cause was determined.				

1. Group or Source Wide ID EGBBFCASTHOUSE	2. Condition No. V.3	3. Date(s) of Occurrence Various	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation 33 Casts
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Natural gas flow rate for fume suppression at taphole and trough was less than 135 scfm for more than brief periods.		
8. Reason for Deviation and Description of Corrective Action Taken Occurred during start up of Blast Furnace. The required gas flow resumed after the startup was completed.				

1. Group or Source Wide ID EGBBFCASTHOUSE	2. Condition No. V.3	3. Date(s) of Occurrence 6/13/07, 6/26/07	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation 7 Casts
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Natural gas flow rate for fume suppression at taphole and trough was less than 135 scfm for more than brief periods.		
8. Reason for Deviation and Description of Corrective Action Taken Abnormal operating conditions required reduced gas flow. Required gas flow was resumed after the condition ended.				





MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**RENEWABLE OPERATING PERMIT  
DEVIATION REPORT**

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AQD Source ID (SRN) A8640 ROP No. 199700004 ROP Section No. 1

ROP Section Contact D. S. Windeler Contact Phone No. (313) 845-3217

Reporting Period (provide inclusive dates): From 4/01/07 to 6/30/07

Report Type:  Annual  Semi Annual  Other (Describe) USEPA Consent Decree Quarterly Report

1. Group or Source Wide ID EGBBFCASTHOUSE	2. Condition No. V.3	3. Date(s) of Occurrence 6/5/07, 6/11/07	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation 5 Casts
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Natural gas flow rate for fume suppression at iron runners and iron spouts was less than 207 scfm for more than brief periods.		
8. Reason for Deviation and Description of Corrective Action Taken Occurred during startup of Blast Furnace. The required gas flow resumed after the startup was completed.				

1. Group or Source Wide ID EGBBFCASTHOUSE	2. Condition No. V.3	3. Date(s) of Occurrence 6/28/07	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation 1 Cast
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Iron runner covers not in position.		
8. Reason for Deviation and Description of Corrective Action Taken Occurred during shutdown of Blast Furnace.				

1. Group or Source Wide ID EGBBFCASTHOUSE	2. Condition No. V.3	3. Date(s) of Occurrence Various	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation 158 minutes
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Did not perform visible emission readings when burning open the taphole except for the first five minutes during daylight hours.		
8. Reason for Deviation and Description of Corrective Action Taken Notification to Method 9 readers could not be made in time to perform the entire reading.				





MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
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6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Natural gas flow rate for fume suppression at iron runners and iron spouts was less than 207 scfm for more than brief periods.		

**8. Reason for Deviation and Description of Corrective Action Taken**

These were temporary conditions and no specific cause was determined.

1. Group or Source Wide ID <u>EGCBFCASTHOUSE</u>	2. Condition No. <u>V.3</u>	3. Date(s) of Occurrence <u>4/4/07, 4/20/07 6/11/07</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation <u>9 Casts</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Iron runner covers not in position.		

**8. Reason for Deviation and Description of Corrective Action Taken**

Occurred during startup of Blast Furnace. The required gas flow resumed after the startup was completed.

1. Group or Source Wide ID <u>EGCBFCASTHOUSE</u>	2. Condition No. <u>V.3</u>	3. Date(s) of Occurrence <u>4/5/07, 6/30/07</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation <u>3 times</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Start time was not recorded when burning open taphole.		

**8. Reason for Deviation and Description of Corrective Action Taken**

Furnace operator forgot to record the start time. All blast furnace supervisors were reminded to record the times when burning open the taphole.





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ROP Section Contact	D. S. Windeler			Contact Phone No.	(313) 845-3217
Reporting Period (provide inclusive dates):	From	4/01/07		to	6/30/07
Report Type:	<input type="checkbox"/> Annual <input type="checkbox"/> Semi Annual <input checked="" type="checkbox"/> Other (Describe) USEPA Consent Decree Quarterly Report				

1. Group or Source Wide ID	2. Condition No.	3. Date(s) of Occurrence	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation
EGCBFCASTHOUSE	V.3	Various		10 casts
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Natural gas flow rate for fume suppression at taphole and trough was less than 440 scfm for more than brief periods.		

**8. Reason for Deviation and Description of Corrective Action Taken**

These were temporary conditions and no specific cause was determined.

1. Group or Source Wide ID	2. Condition No.	3. Date(s) of Occurrence	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation
EGCBFCASTHOUSE	V.3	4/11/07, 4/28/07 5/3/07, 6/14/07		5 Casts
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Natural gas flow rate for fume suppression at taphole and trough was less than 440 scfm for more than brief periods.		
<b>8. Reason for Deviation and Description of Corrective Action Taken</b>				
Occurred during shutdown of Blast Furnace.				

1. Group or Source Wide ID	2. Condition No.	3. Date(s) of Occurrence	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation
EGCBFBLEEDERS	III.B.3.2	Various		80 minutes
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Did not perform visible emission readings of bleeder stack for unanticipated discharges during daylight hours.		
<b>8. Reason for Deviation and Description of Corrective Action Taken</b>				
Notification to Method 9 readers could not be made in time to perform the readings.				





MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**RENEWABLE OPERATING PERMIT  
DEVIATION REPORT**

*Authorized by 1994 P.A. 451, as amended. Failure to provide this information may result in civil and/or criminal penalties.*

This form may be submitted in conjunction with the Renewable Operating Permit Report Certification form (EQP 5736) to report deviations from all general conditions and special conditions in the Renewable Operating Permit (ROP) for which deviations required to be reported by R 336.1213 (Rule 213) subrule (3)(c) have occurred. Additional information regarding the reports and documentation listed below must be kept on file for at least 5 years, as specified in Rule 213(3)(b)(ii), and be made available to the Department of Environmental Quality, Air Quality Division, upon request. Items 1 - 8 must be completed for all deviations being reported.

Source Name Severstal North America, Inc. County Wayne

Source Address 3001 Miller Road City Dearborn

AQD Source ID (SRN) A8640 ROP No. 199700004 ROP Section No. 1

ROP Section Contact D. S. Windeler Contact Phone No. (313) 845-3217

Reporting Period (provide inclusive dates): From 4/01/07 to 6/30/07

Report Type:  Annual  Semi Annual  Other (Describe) USEPA Consent Decree Quarterly Report

1. Group or Source Wide ID <u>EGCBFCASTHOUSE</u>	2. Condition No. <u>V.3</u>	3. Date(s) of Occurrence <u>4/10/07, 4/14/04, 4/23/07, 5/8/07 5/12/07</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation <u>5 Casts</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Natural gas flow rate for fume suppression at taphole and trough was less than 440 scfm for more than brief periods.		
8. Reason for Deviation and Description of Corrective Action Taken Trough log was damaged. The required flow was resumed after trough log was repaired.				

1. Group or Source Wide ID <u>EGCBFCASTHOUSE</u>	2. Condition No. <u>V.3</u>	3. Date(s) of Occurrence <u>6/1/07</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation <u>1 Cast</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Natural gas flow rate for fume suppression at taphole and trough was less than 440 scfm for more than brief periods.		
8. Reason for Deviation and Description of Corrective Action Taken Abnormal operating conditions required reduced gas flow. Required gas flow was resumed after the condition ended.				

1. Group or Source Wide ID <u>EGCBFCASTHOUSE</u>	2. Condition No. <u>V.3</u>	3. Date(s) of Occurrence <u>4/18/07, 4/23/07</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation <u>7 Casts</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Natural gas flow rate for fume suppression at iron runners and spouts was less than 760 scfm for more than brief periods.		
8. Reason for Deviation and Description of Corrective Action Taken These were temporary conditions and no specific cause was determined.				





MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**RENEWABLE OPERATING PERMIT  
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Source Name Severstal North America, Inc. County Wayne

Source Address 3001 Miller Road City Dearborn

AQD Source ID (SRN) A8640 ROP No. 199700004 ROP Section No. 1

ROP Section Contact D. S. Windeler Contact Phone No. (313) 845-3217

Reporting Period (provide inclusive dates): From 4/01/07 to 6/30/07

Report Type:  Annual  Semi Annual  Other (Describe) USEPA Consent Decree Quarterly Report

1. Group or Source Wide ID <u>EGBBFCASTHOUSE</u>	2. Condition No. <u>V.3</u>	3. Date(s) of Occurrence <u>4/3/07, 6/7/07</u> <u>6/12/07, 6/28/07</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation <u>4 times</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Start time was not recorded when burning open taphole.		
8. Reason for Deviation and Description of Corrective Action Taken Furnace operator forgot to record the start time. All blast furnace supervisors were reminded to record the times when burning open the taphole.				

1. Group or Source Wide ID <u>EGBOF</u>	2. Condition No. <u>V.9</u>	3. Date(s) of Occurrence <u>4/20/07, 6/2/07</u> <u>6/4/07, 6/5/07</u> <u>6/21/07</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation <u>42 minutes</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Oxygen blowing rate was not reduced to approximately 18,000 scfm during and between the minutes 8 and 14 of the blow.		
8. Reason for Deviation and Description of Corrective Action Taken Operator error. Operators were reminded that the oxygen blow rate must be reduced to approximately 18,000 scfm during and between the minutes of 8 and 14 of the blow.				

1. Group or Source Wide ID <u>EGBOF</u>	2. Condition No. <u>V.9</u>	3. Date(s) of Occurrence <u>6/5/07, 6/17/07</u> <u>6/22/07</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation <u>4 Charges</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Hot metal charge duration into furnace was less than 90 seconds.		
8. Reason for Deviation and Description of Corrective Action Taken Operator error. Operators were reminded that hot metal charges must be at least 90 seconds in duration.				





MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**RENEWABLE OPERATING PERMIT  
DEVIATION REPORT**

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Source Name Severstal North America, Inc. County Wayne

Source Address 3001 Miller Road City Dearborn

AQD Source ID (SRN) A8640 ROP No. 199700004 ROP Section No. 1

ROP Section Contact D. S. Windeler Contact Phone No. (313) 845-3217

Reporting Period (provide inclusive dates): From 4/01/07 to 6/30/07

Report Type:  Annual  Semi Annual  Other (Describe) USEPA Consent Decree Quarterly Report

1. Group or Source Wide ID <u>EGBOF</u>	2. Condition No. <u>V. 9</u>	3. Date(s) of Occurrence <u>4/2/07, 4/12/07 4/22/07, 5/22/07</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation <u>5 Charges</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation The fugitive emission duct damper was not fully open during hot metal charging operations.		
8. Reason for Deviation and Description of Corrective Action Taken Operator error. Operators were reminded that the fugitive emission duct damper must be fully open during hot metal charging operations.				

1. Group or Source Wide ID <u>EGBOF</u>	2. Condition No. <u>V. 9</u>	3. Date(s) of Occurrence <u>6/1/07</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation <u>1 Charge</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation The furnace exhaust damper was not fully open during hot metal charging operations.		
8. Reason for Deviation and Description of Corrective Action Taken Operator error. Operators were reminded that the furnace exhaust damper must be fully open during hot metal charging operations.				

1. Group or Source Wide ID <u>EGCBFCASTHOUSE</u>	2. Condition No. <u>V. 3</u>	3. Date(s) of Occurrence <u>4/26/07</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation <u>1 Cast</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Natural gas flow rate for fume suppression at taphole and trough was less than 440 scfm for more than brief periods.		
8. Reason for Deviation and Description of Corrective Action Taken Taphole lance came out of position. The required flow was resumed after taphole lance was repaired.				





MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**RENEWABLE OPERATING PERMIT  
DEVIATION REPORT**

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Source Name	Severstal North America, Inc.			County	Wayne
Source Address	3001 Miller Road			City	Dearborn
AQD Source ID (SRN)	A8640	ROP No.	199700004	ROP Section No.	1
ROP Section Contact	D. S. Windeler			Contact Phone No.	(313) 845-3217
Reporting Period (provide inclusive dates):	From	4/01/07		to	6/30/07
Report Type:	<input type="checkbox"/> Annual <input type="checkbox"/> Semi Annual <input checked="" type="checkbox"/> Other (Describe) USEPA Consent Decree Quarterly Report				
1. Group or Source Wide ID EGCBFCASTHOUSE	2. Condition No. III.A.2.2	3. Date(s) of Occurrence 5/20/07, 5/21/07 5/22/07	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation 13 Casts	
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Did not record natural gas flow rate for fume suppression at the taphole and trough.			
8. Reason for Deviation and Description of Corrective Action Taken Computer malfunction. Malfunction was corrected.					

1. Group or Source Wide ID EGCBFCASTHOUSE	2. Condition No. V.3	3. Date(s) of Occurrence 4/4/07	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation 3 Casts
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Natural gas flow rate for fume suppression at iron runners and spouts was less than 760 scfm for more than brief periods.		
8. Reason for Deviation and Description of Corrective Action Taken Occurred during startup of Blast Furnace. The required gas flow resumed after the startup was completed.				

1. Group or Source Wide ID EGCBFCASTHOUSE	2. Condition No. V.3	3. Date(s) of Occurrence 5/18/07, 6/27/07	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation 15 minutes
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Did not perform visible emission readings when burning open the taphole except for the first five minutes during daylight hours.		
8. Reason for Deviation and Description of Corrective Action Taken Notification to Method 9 readers could not be made in time to perform the entire reading.				





MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
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Source Address 3001 Miller Road City Dearborn

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ROP Section Contact D. S. Windeler Contact Phone No. (313) 845-3217

Reporting Period (provide inclusive dates): From 4/01/07 to 6/30/07

Report Type:  Annual  Semi Annual  Other (Describe) USEPA Consent Decree Quarterly Report

1. Group or Source Wide ID <u>EGCBFCASTHOUSE</u>	2. Condition No. <u>V.3</u>	3. Date(s) of Occurrence <u>4/5/07, 6/15/07</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation <u>3 Casts</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation <u>Iron runner covers not in position.</u>		
8. Reason for Deviation and Description of Corrective Action Taken <u>Abnormal operating conditions required access to runner during casting. Covers placed in position after condition ended.</u>				

1. Group or Source Wide ID <u>EGBBFCASTHOUSE</u>	2. Condition No. <u>V.3</u>	3. Date(s) of Occurrence <u>6/28/07</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation <u>1 Cast</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation <u>Iron runner covers not in position.</u>		
8. Reason for Deviation and Description of Corrective Action Taken <u>Occurred during shutdown of Blast Furnace.</u>				

1. Group or Source Wide ID <u>EGBBFCASTHOUSE</u>	2. Condition No. <u>V.3</u>	3. Date(s) of Occurrence <u>6/6/07</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation <u>3 Casts</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation <u>Drill bit used for opening the taphole was more than 2 inches in diameter.</u>		
8. Reason for Deviation and Description of Corrective Action Taken <u>Occurred during startup of Blast Furnace. Resumed using 2 inch diameter drill bit after startup was complete.</u>				

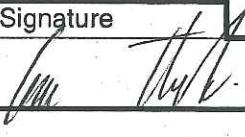


**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	6/27/07
OBSERVER:	L. Trinh
START:	11:13 am pm
FINISH:	11:34 am pm
Source:	"C" Blast Furnace
Observation Point	"C" Furnace Roof
distance from:	150'
direction from:	NE
source height:	150'
wind direction	NW
wind speed	1-5 mph
sky condition	Scattered
amb. temp. (F)	86°F
color of emissions	white
other:	Burning open Taphole gage
Remarks:	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13	0	0	0	0		43					
14	40	40	5	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	40	0	0	0		49					
20	0	45	15	0		50					
21	10	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	30	15	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature



Last Certification Date

4/07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-12-07
OBSERVER:	ED TELNERS
START:	10:30 am
FINISH:	12 pm
Source:	B- BLAST FURNACE
Observation Point	GATE
NEXT TO CONSTRUCTION	
PARKING - R OF FURN.	
distance from:	450 - 500'
direction from:	E
source height:	150'
wind direction	N
wind speed	5 mph
sky condition	CLEAR
amb. temp. (F)	61° - 68°
color of emissions	BROWN UNLESS NOTED
other;	Burners open Top hole 10:50 - 11:00 A JKL
Remarks;	10:25AM CALLED, SAID DRILLING IN 5 MINUTES. 10:43AM CALLED, STILL SETTING UP
Observer's Signature	Ed Telners

10:00AM      10F3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Last Certification Date

5-16-07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 6/8/07
OBSERVER: TChen
START: am 12:01 pm
FINISH: am 12:31 pm
Source:
"B" Roof
Observation Point
Reline Parking Lot
distance from: 400'
direction from: NEE
source height: 80'
wind direction NWN
wind speed 10-15
sky condition overcast
amb. temp. (F) 85
color of emissions
yellow
other:
Burning open Taphole site
Remarks:
Observer's Signature

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1	20	15	15	10		31					
2	30	30	20	40		32					
3	40	30	60	50		33					
4	10	0	0	0		34					
5	0	0	0	0		35					
6	20	30	30	30		36					
7	60	30	0	0		37					
8	0	0	30	40		38					
9	30	0	0	40		39					
10	50	30	40	20		40					
11	0	30	30	40		41					
12	70	20	0	40		42					
13	50	75	50	60		43					
14	40	15	0	0		44					
15	50	50	20	0		45					
16	0	30	50	40		46					
17	60	10	0	50		47					
18	75	90	60	30		48					
19	0	0	30	35		49					
20	40	25	15	0		50					
21	0	35	50	60		51					
22	0	0	30	50		52					
23	15	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	15		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					



Last Certification Date

4-12-07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	5/30/07
OBSERVER:	D.Windeler
START:	am 5:57 pm
FINISH:	am 6:10 pm
Source:	B- Blast Furnace Burning tank hole open
Observation Point	H Road opposite "C" BF
distance from:	250'
direction from:	WNW
source height:	80'
wind direction	SW
wind speed	4-5 mph
sky condition	hazy
amb. temp. (F)	86
color of emissions	red-brown
other;	
Remarks:	*Moving to position for Method 9 obs.

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					Red Smoke
18						48					
19						49					
20						50					
21						51	-	60	60	30	Red-brown
22						52	10	0	80	100	
23						53	80	70	80	40	
24						54	10	0	0	100	
25						55	30	90	90	80	
26						56	80	100	60	20	
27						57	10	0	0	0	
28						58	70	90	80	70	
29						59	60	60	80	15	

Observer's Signature

D.S. Windeler

Last Certification Date 4-10-07

Sheet 1 of 2

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	5/30/07
OBSERVER:	D. Windeler
START:	am 5:51pm
FINISH:	am 6:10 pm
Source:	Blast Furnace Casthouse Roof
Observation Point	H Road opposite "C" BF
distance from:	250'
direction from:	NNW
source height:	80'
wind direction	SW
wind speed	4-5 mph
sky condition	Hazy
amb. temp. (F)	86
color of emissions	red-brown
other;	
Remarks;	Burned throat ~6:00PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	15	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

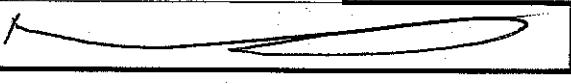
Observer's Signature

Last Certification Date

4-10-07

Sheet 2 of 2

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 05/18/07	10F 4									
OBSERVER: NM										
START: 1307 am (pm)										
FINISH: 1656 am (pm)										
Source: BLAST FURNACE										
C										
Observation Point										
WEST SIDE OF BLAST SLIP										
distance from: 500 ft										
direction from: WEST										
source height: 150 ft										
WIND DIRECTION NORTH										
wind speed 8 mph										
sky condition CLOUDY										
amb. temp. (F) 65°F										
color of emissions										
YELLOW, BLACK										
other:										
Remarks:	Burning open rap hole #2									
Observer's Signature										

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7	0	0	15	30		37	0	0	0	0	
8	25	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	15	10	5		41	0	0	0	0	
12	5	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 09/06/07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 5/18/07
OBSERVER: D.Windeler
START: 9:17am pm
FINISH: am pm
Source: "B" Blast Fee - Lancing lope
Observation Point Gate 3 driveway
distance from: 200'
direction from: ESE
source height: 80'
wind direction ENE
wind speed ~5 mph
sky condition Clear
amb. temp. (F) 52
color of emissions White
other: Little or no emissions observed between 9:10AM and 9:17AM
Remarks: Lancing began some time after 9:05AM 9:03AM.
Wind direction & construction made Method 9 location difficult to establish
Observer's Signature D. J. Windeler

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17	-	-	20	0	white	47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	10	0	0	white	51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

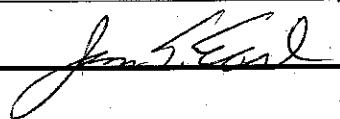
Last Certification Date 4-10-07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	5-4-07									
OBSERVER:	J. Earl									
START:	am 1:42 pm									
FINISH:	am	pm								
Source:	CBF Roof Monitor									
Observation Point	Row									
distance from:	500'									
direction from:	W									
source height:	200'									
wind direction	NE									
wind speed	5-10									
sky condition	Clear									
amb. temp. (F)	65									
color of emissions	Red									
other:	Burning open Taphole									
Remarks:										
Observer's Signature										

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42	5	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature



Last Certification Date

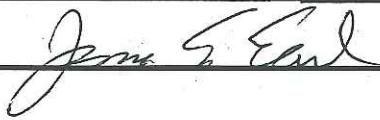
April 07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	4-24-07
OBSERVER:	J. Earl
START:	am 3:19 (pm)
FINISH:	am 3:26 (pm)
Source:	C BF Roof
	Monitor
Observation Point:	Row
distance from:	500'
direction from:	W
source height:	<del>25</del> 90'
wind direction	NE
wind speed	10-15
sky condition	Clear
amb. temp. (F)	65
color of emissions	Red
other:	Burning open Tap hole
Remarks:	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19	45	80	80	65		49					
20	40	5	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	5		55					
26	5	5	5	5		56					
27						57					
28						58					
29						59					

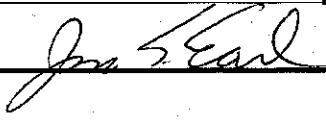
Observer's Signature



Last Certification Date

April 07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

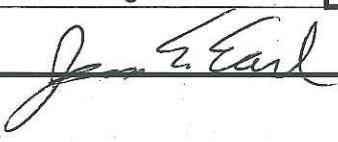
DATE:	4-20-07
OBSERVER:	J. Earl
START:	am 2:51 pm
FINISH:	am 3:00pm
Source:	BBF Roof Monitor
Observation Point	Row
distance from:	500'
direction from:	W
source height:	75'
wind direction	E
wind speed	5
sky condition	Clear
amb. temp. (F)	65
color of emissions	Red
other;	Burning open Taphole
Remarks;	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0.						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57	10	10	45	10	
28						58	0	0	0	0	
29						59	0	40	50	0	

Last Certification Date

Apr. 107

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	4-20-07
OBSERVER:	J. Earl
START:	am 2:57 (m)
FINISH:	am 3:08 pm
Source:	BBF Roof Monitor
Observation Point	Row
distance from:	500'
direction from:	W
source height:	75'
wind direction	E
wind speed	5-
sky condition	Clear
amb. temp. (F)	65
color of emissions	Red
other;	Burning open Taphole
Remarks;	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○		34					
5	○	○	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

April 107



## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-13-07
OBSERVER:	
START:	7:54 am pm
FINISH:	9:54 am pm
Source:	ESP STACK
Observation Point	SOUTH UP BOP BLDING,
distance from:	600
direction from:	S3
source height:	200
wind direction	N
wind speed	Graph
sky condition	PARTLY CLOUDY
amb. temp. (F)	66
color of emissions	WHITE UNLESS NOTED
other:	#7 Comp. ESP out of service for
Remarks:	Heat No.
	36029
	75316
	36030
Observer's Signature	Eb Tilbres

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54	0	0	0	0	
25						55	0	0	0	5	BROWN
26						56	5	5	5	0	BROWN
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	5	5	5	BROWN

Last Certification Date 5-15-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-13-07
OBSERVER:	EO TELNERS
START:	7:54 am pm
FINISH:	9:54 am pm
Source:	530 STACK
Observation Point	SOUTH OF NOF BLDG.
distance from:	600'
direction from:	SB
source height:	200'
wind direction	N
wind speed	6 mph
sky condition	Partly cloudy
amb. temp. (F)	66°
color of emissions	WHITE UNLESS NOTED
other;	
Remarks;	
Observer's Signature	EO Telners

8:00 AM

2 of 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	5	5	BROWN	30	0	0	0	0	
1	5	5	5	5	BROWN	31	0	0	5	5	
2	5	5	5	3	Brown	32	5	5	5	0	
3	5	5	5	5	BROWN	33	0	0	0	0	
4	5	5	5	5	BROWN	34	5	5	5	0	
5	5	5	5	5	BROWN	35	5	5	0	5	BROWN
6	5	5	5	5	BROWN	36	5	5	5	5	BROWN
7	5	5	5	5	Brown	37	0	0	0	0	
8	5	5	5	5	BROWN	38	0	0	0	0	
9	5	5	5	5	BROWN	39	0	0	0	5	Brown
10	5	5	5	5	Brown	40	0	0	0	0	
11	5	5	5	5	BROWN	41	0	0	0	3	BROWN
12	5	5	5	5	BROWN	42	5	5	0	0	
13	5	5	5	0	BROWN	43	0	0	0	0	
14	0	0	5	5	BROWN	44	0	0	0	5	
15	5	5	3	3		45	0	0	0	0	
16	5	0	0	0		46	0	5	5	0	
17	0	0	0	0		47	0	5	0	0	
18	0	0	0	0		48	0	0	5	5	
19	0	0	3	0	BROWN	49	5	5	5	5	
20	0	0	0	0		50	5	5	5	5	
21	0	0	0	0		51	5	5	5	5	
22	0	0	0	0		52	5	5	5	5	BROWN
23	0	0	0	0		53	5	5	5	5	
24	0	0	5	0	BROWN	54	5	5	5	5	
25	0	0	0	0		55	5	5	5	5	
26	0	0	0	0		56	5	5	5	3	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	8	0	0	

Last Certification Date 5/10/07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-13-07
OBSERVER:	ED TELNERS
START:	7:54am pm
FINISH:	9:54am pm
Source:	ESP STACK
Observation Point	SOUTH OF BOF BLDING
distance from:	600'
direction from:	SF
source height:	200'
wind direction	N
wind speed	6 mph
sky condition	PARTLY CLOUDY
amb. temp. (F)	66°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	
Observer's Signature	Ed Telners

9:00 AM

3 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	5	Brown
1	0	0	0	0		31	5	5	5	5	Brown
2	0	0	0	0		32	5	5	5	5	Brown
3	0	0	0	0		33	5	5	5	5	Brown
4	0	0	0	0		34	5	5	5	3	Brown
5	0	0	0	0		35	5	5	10	5	Brown
6	0	0	0	0		36	5	5	5	5	Brown
7	0	0	0	0		37	5	5	5	5	Brown
8	0	0	0	0		38	5	5	5	5	Brown
9	0	0	0	0		39	5	10	3	3	Brown
10	0	0	0	0		40	5	5	5	5	Brown
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	5	3	Brown
14	0	0	0	0		44	15	15	10	5	Brown
15	0	0	0	0		45	5	5	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	5	5	5	5		49	0	0	0	0	
20	5	5	5	5		50	0	0	0	0	
21	0	0	5	5		51	0	0	0	0	
22	5	5	5	0		52	0	0	0	0	
23	0	0	3	5		53	0	0	0	0	
24	0	0	0	0		54					
25	0	5	5	5		55					
26	5	5	5	5		56					
27	5	5	5	5		57					
28	5	5	5	5		58					
29	5	5	5	5	Brown	59					

Last Certification Date

5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-12-07											
OBSERVER:	ED TELNER											
START:	7:40 am	pm	7:00 AM									
FINISH:	9:40 am	pm	1 OF 3									
Source:	ESP STACK											
Observation Point	SOUTH OF BOF											
distance from:	400'											
direction from:	SE											
source height:	700'											
wind direction	N											
wind speed	5 mph											
sky condition	CLEAR											
amb. temp. (F)	61°											
color of emissions	WHITE UNLESS NOTED											
other:	#7 Comp ESP out of Service SEE											
Remarks:	  Test No. 36010 36011											
Observer's Signature	Ed Telner											

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0					30						
1					31						
2					32						
3					33						
4					34						
5					35						
6					36						
7					37						
8					38						
9					39						
10					40	0	0	0	6		
11					41	0	0	0	0		
12					42	0	0	5	5	BROWN	
13					43	5	5	5	5		
14					44	5	5	5	5		
15					45	5	5	0	0		
16					46	0	0	5	10		
17					47	5	5	5	5		
18					48	5	5	5	5		
19					49	5	5	5	5		
20					50	5	5	5	5		
21					51	5	5	10	5	BROWN	
22					52	5	5	5	5		
23					53	5	5	5	5		
24					54	5	5	5	5		
25					55	5	5	5	5		
26					56	2	3	3	3		
27					57	5	10	10	5		
28					58	5	10	5	5		
29					59	5	5	5	5		

Last Certification Date

5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-12-07
OBSERVER:	ED TELNERS
START:	7:40 am pm
FINISH:	9:40 am pm
Source:	ESP STACK
Observation Point	SOUTH OF BOF
distance from:	400'
direction from:	SB
source height:	200'
wind direction	N
wind speed	5 mph
sky condition	CLEAR
amb. temp. (F)	61°
color of emissions	WHITE UNLESS NOTED
other;	
Remarks;	
Observer's Signature	Ed Telners

8:00AM

2 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30	0	0	0	0	
1	5	5	5	5		31	0	0	0	0	
2	5	5	70	70		32	0	0	0	0	
3	10	10	5	10		33	5	5	5	5	Brown
4	10	10	10	10		34	3	5	5	3	
5	5	5	5	5		35	5	5	5	5	
6	5	3	5	5		36	5	5	3	5	
7	5	5	0	0		37	5	5	0	0	X
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	5	0	0	0	Brown	40	0	0	0	6	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	5	3	5	
13	0	0	0	0		43	5	5	5	3	
14	0	0	0	3		44	5	5	0	5	
15	5	0	5	5	Brown	45	5	5	0	0	
16	0	0	0	0		46	5	5	0	0	
17	0	0	0	0		47	0	5	0	0	
18	0	0	0	0		48	5	5	5	5	
19	0	0	0	0		49	0	5	5	5	
20	0	5	5	5		50	5	5	5	5	
21	5	5	5	5		51	5	5	5	5	
22	5	5	3	5		52	5	5	5	5	
23	5	5	5	3		53	5	5	5	5	
24	5	10	10	5		54	5	5	5	5	
25	5	5	5	5		55	5	5	5	5	
26	5	3	5	5		56	5	5	5	5	Brown
27	0	0	0	0		57	5	5	5	5	Brown
28	0	5	0	5		58	5	5	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-12-07
OBSERVER:	ED TELNERS
START:	7:40 am pm
FINISH:	9:40 am pm
Source:	ESP STACK
Observation Point	SOUTH OF BDF
distance from:	400'
direction from:	SSE
source height:	200'
wind direction	N
wind speed	5 mph
sky condition	CLEAR
amb. temp. (F)	61°
color of emissions	(WHITE UNLESS NOTED)
other:	
Remarks:	
Observer's Signature	Ed Telnes

9:00 AM

3 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	10	10	10	10	BROWN
1	0	0	0	0		31	10	10	10	10	BROWN
2	0	0	0	0		32	10	10	10	5	BROWN
3	0	0	0	0		33	5	5	5	0	BROWN
4	0	0	0	0		34	0	0	0	5	BROWN
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	5	5		39	0	0	0	0	
10	0	5	0	0		40					
11	5	5	0	0		41					
12	5	3	5	5	BROWN	42					
13	5	0	5	5	BROWN	43					
14	5	0	0	0		44					
15	5	5	5	5		45					
16	5	0	0	0		46					
17	5	5	5	5	BROWN	47					
18	5	5	5	5	BROWN	48					
19	5	5	5	3	BROWN	49					
20	5	5	5	5	BROWN	50					
21	5	5	10	70	BROWN	51					
22	10	10	10	10	BROWN	52					
23	10	10	10	10	BROWN	53					
24	10	10	10	15	BROWN	54					
25	15	15	10	10	BROWN	55					
26	10	10	10	10	BROWN	56					
27	10	10	15	10	BROWN	57					
28	10	15	15	15	BROWN	58					
29	10	10	10	10	BROWN	59					

Last Certification Date

5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-11-07
OBSERVER:	Ed Telmers
START:	10:30 am
FINISH:	pm
Source:	ESP STACK
Observation Point	SOUTH OF BOF BLDING
distance from:	600
direction from:	SE
source height:	200
wind direction	SW
wind speed	1 mph
sky condition	CLEAR
amb. temp. (F)	60° - 65°
color of emissions	WHITE UNLESS NOTED
other;	#7 Comp ESP out of Service Inc
Remarks;	
	Hat NO. 35999
Observer's Signature	Ed Telmers

10:00 AM

10F 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	5	5	5	Brown
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	5	Brown
16						46	5	0	0	0	Brown
17						47	5	5	0	0	Brown
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	5	Brown
21						51	5	0	5	5	
22						52	5	0	5	5	
23						53	0	0	0	0	
24						54	0	0	0	5	
25						55	5	5	5	5	
26						56	5	5	0	5	
27						57	5	5	5	5	
28						58	5	5	5	5	
29						59	5	5	5	5	

Last Certification Date

5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-11-07
OBSERVER:	EO TELNERS
START:	10:30 am pm
FINISH:	am 12:30 pm
Source:	ESP STACK
Observation Point	SOUTH OF ISOF BUILDING
distance from:	600
direction from:	SE
source height:	200
wind direction	SW
wind speed	1 mph
sky condition	60°-65°
amb. temp. (F)	CLEAR
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30	0	0	0	0	
1	5	5	5	5		31	0	0	0	0	
2	5	5	5	5		32	0	0	0	0	
3	5	5	10	10		33	0	0	0	0	
4	10	10	10	10		34	0	0	0	0	
5	15	15	10	10		35	0	0	0	0	
6	10	10	10	5		36	0	0	0	0	
7	5	5	5	5		37	0	0	0	0	
8	0	0	5	5		38	0	0	0	0	
9	5	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	5	5	0	Brown	44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	5	0	0	0	Brown	47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	3	5	5	
27	0	0	0	0		57	5	5	5	5	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature

Eo Telners

Last Certification Date 5-10-07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	6-11-07
OBSERVER:	ED TELNERS
START:	10:30 am pm
FINISH:	am / 2:30 pm
Source:	ESP STACK
Observation Point	SOUTH OF BOF
distance from:	600
direction from:	SE
source height:	200
wind direction	SW
wind speed	1 mph
sky condition	Partly Cloudy
amb. temp. (F)	65° - 70°
color of emissions	WHT UNLESS NOTED
other;	
Remarks;	
Observer's Signature	Ed Telner

12:00 PM

3 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30					
1	5	5	5	5		31					
2	0	0	0	0		32					
3	5	5	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	5	5	5		43					
14	5	5	5	5		44					
15	5	5	5	5		45					
16	5	5	5	5		46					
17	5	5	5	5		47					
18	5	5	5	5		48					
19	5	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	5	5	5	5	BROWN	53					
24	5	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date 5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-6-07
OBSERVER:	ED TELNERS
START:	9:30 am pm
FINISH:	11:30 am pm
Source:	ESP STACK
Observation Point	South of BOP Blk
distance from:	600
direction from:	S/S
source height:	200
wind direction	WNW
wind speed	3 mph
sky condition	CLEAR
amb. temp. (F)	47-50
color of emissions	WHITE UNLESS NOTED
other:	ESP Comp #8 out of service
Remarks:	Calvin 9AM SAD NEXT HEAT IN 1 HR
Heat No.	75210 75211
Observer's Signature	ED Telmers

9:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	5	5	
6						36	0	0	0	0	
7						37	0	0	5	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	5	5	
14						44	0	0	8	8	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	5	5	0	
19						49	0	5	5	5	
20						50	5	5	3	5	
21						51	5	5	5	5	
22						52	5	0	0	0	
23						53	5	5	5	5	
24						54	5	3	0	0	
25						55	0	0	5	3	
26						56	5	5	7	7	
27						57	10	10	10	10	
28						58	10	10	10	10	
29						59	10	10	10	10	

Last Certification Date 5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-6-07
OBSERVER:	Eo Telnes
START:	9:30 am pm
FINISH:	11:30 am pm
Source:	ESP STACK
Observation Point	SOUTH OF BOF
distance from:	600
direction from:	SE
source height:	200
wind direction	WNW
wind speed	3 mph
sky condition	CLEAR
amb. temp. (F)	47-50°
color of emissions	WHITE UNLESS NOTED
other;	
Remarks;	
Observer's Signature	Eo Telnes

10:00 AM

20F3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	10	10	10	10		30	5	0	0	0	
1	10	10	10	10		31	0	0	0	0	
2	10	10	10	10		32	0	5	0	0	
3	15	15	15	15		33	0	0	0	0	
4	15	15	15	10		34	0	0	0	0	
5	10	10	10	10		35	0	0	0	0	
6	10	10	10	10		36	0	0	0	0	
7	0	10	0	10		37	0	0	0	0	
8	0	0	0	10		38	0	0	0	0	
9	0	0	0	15		39	0	0	0	0	
10	15	15	15	15		40	0	5	8	0	
11	10	10	10	10		41	0	0	5	5	BROWN
12	10	10	10	5	BROWN	42	5	5	0	0	BROWN
13	5	5	5	5	BROWN	43	0	0	0	0	
14	5	5	5	0	BROWN	44	0	0	0	0	
15	0	0	0	0		45	0	0	5	5	BROWN
16	5	5	5	0		46	5	5	5	10	
17	0	0	0	0		47	5	5	5	0	BROWN
18	0	0	3	0		48	5	10	10	10	
19	0	0	0	0		49	10	10	10	10	
20	0	8	0	0		50	5	5	5	5	
21	0	0	0	0		51	5	5	5	5	
22	0	0	0	0		52	5	5	5	5	
23	5	5	0	0		53	10	10	10	10	
24	0	0	0	0		54	10	5	5	5	BROWN
25	0	0	0	0		55	5	5	2	5	BROWN
26	0	0	0	0		56	5	5	5	5	
27	0	0	0	0		57	5	5	5	5	
28	0	0	0	0		58	5	5	3	5	
29	0	0	0	5		59	10	10	10	10	

Last Certification Date 5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-6-07
OBSERVER:	ED TELNERS
START:	7:30 am pm
FINISH:	11:30 am pm
Source:	ESP STACK
Observation Point	SOUTH ESP BOF
distance from:	600
direction from:	SE
source height:	200
wind direction	WNW
wind speed	3 mph
sky condition	CLEAR
amb. temp. (F)	47° - 50°
color of emissions	WHITE UNLESS NOTED
other;	
Remarks;	
Observer's Signature	Ed Telners

11:00 AM 3 of 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	10	10	10	10		30					
1	10	10	10	10		31					
2	10	10	10	10		32					
3	10	10	10	5		33					
4	5	5	5	5		34					
5	5	5	5	5	BROWN	35					
6	10	10	10	10	BROWN	36					
7	5	5	5	0		37					
8	0	3	5	5		38					
9	5	0	5	0		39					
10	0	5	0	0	BROWN	40					
11	5	5	5	5	BROWN	41					
12	3	5	5	0	Brown	42					
13	5	5	5	5	Brown	43					
14	0	5	5	5	Brown	44					
15	0	5	5	5	Brown	45					
16	5	5	5	0	Brown	46					
17	5	5	5	0	Brown	47					
18	0	0	0	5		48					
19	5	0	5	5		49					
20	5	5	5	5		50					
21	5	5	5	5		51					
22	5	5	5	5		52					
23	5	5	5	5		53					
24	5	5	5	5		54					
25	5	5	5	5		55					
26	5	5	5	5		56					
27	5	5	5	5		57					
28	5	5	5	5		58					
29	5	5	5	5		59					

Last Certification Date 5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-5-07
OBSERVER:	ED TELNERS
START:	11:07 am
FINISH:	am 11:07 pm
Source:	ESP STACK
Observation Point	SOUTH OF BOF BLDG.
distance from:	600
direction from:	SB
source height:	200
wind direction	NNW
wind speed	11 mph
sky condition	OVERCAST
amb. temp. (F)	55 - 60
color of emissions	WHITE UNLESS NOTED
other;	ESP Comp #8 out of Service
Remarks;	
Heat No.	
	75195
Observer's Signature	Ed Telners

11:00AM 1 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	10	10	10	10	
1						31	10	10	10	10	
2						32	10	10	10	16	
3						33	10	10	10	10	
4						34	10	5	5	5	
5						35	10	10	10	10	
6						36	10	10	10	10	
7	0	0	0	0		37	10	10	10	16	
8	0	0	0	0		38	10	10	10	10	
9	0	0	0	0		39	10	10	16	10	
10	0	0	0	0		40	10	10	10	10	
11	0	0	0	0		41	10	10	10	10	
12	5	0	0	0		42	10	10	10	10	
13	0	0	0	0		43	10	10	10	10	
14	0	0	5	0		44	10	10	10	10	BROWN
15	0	0	0	0		45	5	5	5	5	BROWN
16	0	0	0	0		46	5	5	5	5	
17	0	0	0	0		47	5	5	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	5	
25	0	0	0	5		55	5	5	5	5	
26	5	5	5	5		56	5	0	0	0	
27	5	5	5	5		57	0	0	0	0	
28	5	10	10	10		58	0	0	0	0	
29	10	10	10	10		59	0	0	0	0	

Last Certification Date 5-10-2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-5-07
OBSERVER:	E.O. TELNERS
START:	11:07 am
FINISH:	1:07 pm
Source:	ESP STACK
Observation Point	SOUTH OF BOF BLDING
distance from:	600
direction from:	SE
source height:	200
wind direction	NNW
wind speed	11 mph
sky condition	OVERCAST
amb. temp. (F)	55-60°
color of emissions	WHITE (UNLESS NOTED)
other:	
Remarks:	
Observer's Signature	E.O. Telners

12:00PM

2 of 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	6	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	6	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	6	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	3	
9	0	0	0	0		39	5	5	5	5	
10	0	0	0	0		40	3	3	3	3	
11	0	8	0	0		41	5	10	10	5	
12	0	8	0	0		42	5	10	10	10	
13	0	0	0	0		43	10	10	10	10	
14	0	0	0	0		44	10	10	10	10	
15	0	0	0	0		45	10	10	10	10	
16	0	0	0	0		46	10	10	10	10	
17	0	0	0	0		47	10	10	10	10	
18	0	0	0	0		48	10	10	10	10	
19	0	0	0	0		49	10	10	10	10	
20	0	0	0	0		50	10	10	10	10	
21	0	0	0	0		51	10	10	10	10	
22	0	0	0	0		52	10	10	10	10	
23	0	0	0	0		53	10	10	10	10	
24	0	0	0	0		54	15	15	10	10	
25	0	0	0	0		55	10	10	15	10	
26	0	0	0	0		56	10	10	10	15	
27	0	0	0	0		57	15	10	10	10	
28	0	0	0	0		58	15	10	10	10	BROWN
29	0	0	0	0		59	10	10	10	10	BROWN

Last Certification Date 5-10-2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-5-07
OBSERVER:	Ed Ternes
START:	11:07 am
FINISH:	1:07 pm
Source:	ESP STACK
Observation Point	SOUTH OF BOF BLDING
distance from:	600
direction from:	SE
source height:	206
wind direction	MNW
wind speed	11 mph
sky condition	OVERCAST
amb. temp. (F)	55-60°
color of emissions	(WRITE UNLESS NOTED)
other;	
Remarks;	
Observer's Signature	Ed Ternes

1:00PM

3 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30					
1	0	0	0	8		31					
2	0	5	5	5		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 5-10-2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-04-07
OBSERVER:	ED TELNERS
START:	1045 am
FINISH:	am 1245 pm
Source:	ESP STACK
Observation Point	SOUTH OF R&F BLDG
distance from:	600 ft
direction from:	SE
source height:	200'
wind direction	SW
wind speed	4 mph
sky condition	Cloudy
amb. temp. (F)	65° - 70°
color of emissions	White UNIFORDED
other:	10:35AM - CALLED, SAID STARTING IN 12 MIN
Remarks:	ESP Com. #8 out of Service
	Heating
	35905
	75180
Observer's Signature	Ed Telner

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Last Certification Date 5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-04-07
OBSERVER:	Ed Trineros
START:	10:45 am pm
FINISH:	am 12:45 pm
Source:	ESP STACK
Observation Point	SOUTH OF BOF BUILDING
distance from:	600
direction from:	SE
source height:	200
wind direction	SW
wind speed	4 mph
sky condition	Cloudy
amb. temp. (F)	65-70°
color of emissions	white unless noted
other;	
Remarks;	
Observer's Signature	Ed Trineros

11:00AM					20F3						
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	5	
1	0	0	0	0		31	5	5	5	5	
2	0	0	0	0		32	5	5	5	5	
3	0	0	0	0		33	5	5	5	5	
4	0	0	0	0		34	5	5	5	5	
5	0	0	0	0		35	5	5	5	5	
6	0	0	0	0		36	5	5	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	5	
15	0	0	0	0		45	5	5	5	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	5		48	0	0	0	0	
19	5	5	5	0		49	0	0	0	0	
20	5	10	10	10		50	0	0	0	0	
21	5	5	0	0		51	0	5	0	0	
22	5	0	0	0		52	0	0	0	0	
23	0	0	5	5		53	0	0	0	0	
24	5	5	5	5		54	0	0	0	0	
25	5	5	5	5		55	0	0	0	0	
26	5	5	5	5		56	0	0	0	0	
27	5	5	5	5		57	0	0	0	0	
28	5	5	5	5		58	0	0	0	5	
29	5	5	5	5		59	5	5	5	5	

Last Certification Date

5-10-2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

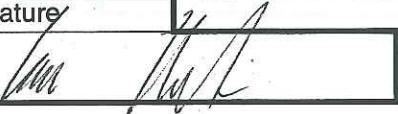
DATE:	6-04-07
OBSERVER:	Ed Tschner
START:	10:45(am) pm
FINISH:	am 12:45(pm)
Source:	ESP STACK
Observation Point	SOUTH OF ESP STACK
distance from:	600
direction from:	SE
source height:	200
wind direction	SW
wind speed	4 mph
sky condition	Partly cloudy
amb. temp. (F)	65°-70°
color of emissions	White unless noted
other;	
Remarks:	
Observer's Signature	Ed Tschner

12:00 PM						3 OF 3					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30	0	0	0	0	
1	5	5	5	0		31	0	0	0	0	
2	0	0	0	5		32	0	0	0	0	
3	5	5	5	5		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	5	5		38	0	0	0	0	
9	5	5	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	5	5	5	5		41	0	0	0	0	
12	5	3	5	5		42	0	0	0	0	
13	5	5	5	5		43	0	0	0	0	
14	5	5	5	5		44	0	8	0	0	
15	5	5	5	5		45					
16	5	5	5	5		46					
17	5	5	3	5		47					
18	5	5	5	0		48					
19	5	3	3	5		49					
20	5	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	5		53					
24	5	5	5	5		54					
25	5	3	5	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date

5/10-2007

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	6/25/07
OBSERVER:	L. Trim
START:	8:43 am pm
FINISH:	8:54 am pm
Source:	"C" Blast Furnace
Observation Point	"C" Furnace Bleeders
distance from:	150'
direction from:	NE
source height:	150'
wind direction	NW
wind speed	1-5 mph
sky condition	Clear
amb. temp. (F)	84°
color of emissions	white
other;	
Remarks;	Only read last minutes - Missed approx. about 13-4 minutes when bleeder is open
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43	15	15	15	15	
14						44	10	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

4/07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	6-22-07
OBSERVER:	L. Trinh
START:	9:30 am pm
FINISH:	9:46 am pm
Source:	"C" Blast Furnace
Observation Point	"C" BF Bleeder
distance from:	150'
direction from:	NE
source height:	150'
wind direction	1-5 mph
wind speed	SE
sky condition	clear
amb. temp. (F)	69°
color of emissions	white
other;	
Remarks;	

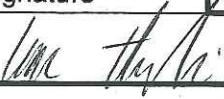
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	10	10	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	15	
7						37	20	25	20	15	
8						38	5	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature

Last Certification Date

4/07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	6/20/07
OBSERVER:	L. Trimb
START:	am 3:38 pm
FINISH:	am 3:59 pm
Source:	"C" Blast Furnace
Observation Point	Bleedgas
distance from:	150
direction from:	NE
source height:	150
wind direction	SW
wind speed	1-5 mph
sky condition	clear
amb. temp. (F)	79
color of emissions	white
other;	
Remarks;	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38	15	0	10	0	
9						39	0	0	50		
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	50	50	50	35	
18						48	35	35	35	35	
19						49	20	20	20	20	
20						50	15	10	15	15	
21						51	15	15	15	15	
22						52	15	15	15	15	
23						53	15	15	15	15	
24						54	15	15	15	15	
25						55	15	15	15	15	
26						56	10	5	10	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Last Certification Date

4/07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 6-6-07
OBSERVER: D. Wiedeler
START: am 1:08 pm
FINISH: am 1:26 pm
Source: "C" BF Blowers
Observation Point
Parkville lot on Miller South of DLS
distance from: 500'
direction from: S E
source height: 190'
wind direction NNE to NW
wind speed 3-5 mph
sky condition hazy blue
amb. temp. (F) 68
color of emissions
Light gray to white
other:
Start NN 1:20pm NW
Remarks:
Plume moved from med. height to overhead, requiring moving position to obtain Method 9 readings.
Observer's Signature

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8					→ Blowers	38					
9					Open	39					
10					(Large)	40					
11					(Vertical)	41					
12					White	42					
13					plume	43					
14	20	15	15	20		44					
15	15	15	15	20		45					
16	20	15	10	15		46					
17	0	10	10	10		47					
18	0	10	10	10		48					
19	0	0	0	0	Steam	49					
20	0	0	0	0		50					
21	0	0	0	—	Obscured	51					
22	—	0	0	0	by Steam	52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	—		56					
27	—					57					
28						58					
29						59					

Last Certification Date 4-10-07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	5/8/07
OBSERVER:	L. Trinh
START:	am 1:32 (pm)
FINISH:	am 1:52 pm
Source:	"C" Furnace
Observation Point	"C" Furnace Bleeders
distance from:	175'
direction from:	NW
source height:	150'
wind direction	W
wind speed	0-1 MPH
sky condition	Clear
amb. temp. (F)	82°F
color of emissions	White
other:	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32	0	0	0	0	
3						33	25	15	5	5	
4						34	5	10	5	5	
5						35	5	5	5	5	
6						36	5	5	5	5	
7						37	5	5	5	5	
8						38	0	0	0	0	
9						39	0	0	15	5	
10						40	5	5	5	5	
11						41	15	10	5	5	
12						42	5	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

4/07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 5/3/07
OBSERVER: D. Windeler
START: 7:26 am pm
FINISH: 7:36 am pm
Source:
"C" BF Bleeders
Observation Point
Gate 3B Driveway at Miller Rd
distance from: 300'
direction from: SE
source height: 190'
wind direction ENE
wind speed 5-8 mph
sky condition mostly clear
amb. temp. (F) 45°
color of emissions
lt. gray
other:
Remarks:
Read North bleeder. South bleeder was in the shadow of the steamy plume from the relief vent and did not provide a reliable Method 9 opacity

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	20	20	15	20	
1						31	15	25	15	15	
2						32	15	20	15	15	
3						33	10	15	15	15	
4						34	10	10	10	10	
5						35	10	10	10	10	
6						36	10	10	0	0	
7						37	very low steam flow				
8						38	0				
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26	45	40	25	25		56					
27	20	30	25	25	Steam	57					
28	30	20	30	35		58					
29	25	25	20	20		59					

Observer's Signature

*A. D. Windeler*

Last Certification Date April 10, 2007

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 4/28/07
OBSERVER:
START: 9:20 am pm
FINISH: 9:38 am pm
Source: "C" BF Bleeders
Observation Point BF laydown yard
distance from: 1000'
direction from: SSE
source height: 190'
wind direction W
wind speed 4-5
sky condition overcast
amb. temp. (F) 48
color of emissions light brown
other: Was mostly steam even when starting.
Remarks: Bleeders opened at 9:20AM. Had to drive around site to find location that was not obscured by a steam plume nearby.

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	Reduced
4						34	0	0	0	0	Steam Vol.
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20	-	-	-	-	Open	50					
21	-	-	-	-		51					
22	-	-	-	-		52					
23	0	0	0	0	Steam	53					
24	0	0	0	0		54					
25	-	-	20	20	4t. brown	55					
26	20	15	10	10		56					
27	20	15	10	0		57					
28	0	0	0	5	steam	58					
29	0	0	0	0	only	59					

Observer's Signature

D. J. Windeler

Last Certification Date 4-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

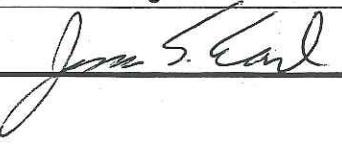
DATE: 4/21/07
OBSERVER: D. Wunderle
START: 9:20 am pm
FINISH: 9:59 am pm
Source: "C" BF Blower
Observation Point
① F' Rd N. of Met'l bldg
② F' Rd near E. Headhouse
distance from ① 300' ② 500'
direction from: SSE
source height: 190'
wind direction Variable
wind speed 0-4 mph
sky condition Clear to hazy
amb. temp. (F) 56
color of emissions White to light gray
other;
Remarks; Had to move several times to avoid being downwind of plume

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	20	40	40	40	
1						31	40	30	20	20	
2						32	20	40	50	20	
3						33	-	-	-	-	
4						34	-	-	-	-	
5						35					
6						36	-	-	0	30	
7						37	15	25	60	10	
8						38	50	40	50	10	
9						39	10	15	10	-	
10						40	-	10	20	10	
11						41	40	10	40	40	
12						42	10	10	10	10	
13						43	10	10	10	10	
14						44	10	10	-	10	
15						45	5	5	5	10	
16						46	5	10	5	5	
17						47	10	0	10	-	
18						48	-	-	10	10	
19						49	15	10	10	10	
20					OPEN PLATE	50	0	0	0	0	
21					MUCH STEAM	51	0	0	0	0	Appears to be shutdown.
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58	80	60	20	10	Black
29	20	35	35	30		59	10	10	10	10	White, steam

Observer's Signature

*D. D. Wunderle*Last Certification Date 4-10-07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

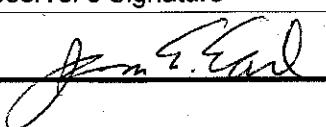
DATE:	4-6-07	
OBSERVER:	J. Earl	
START:	11:39 am	pm
FINISH:	am	pm
Source:	C RFB Bleeding	
Observation Point	Miller Road Oak 3	
distance from:	400'	
direction from:	E	
source height:	200	
wind direction	NW	
wind speed	10-15	
sky condition	Overcast	
amb. temp. (F)	77	
color of emissions	white/gray	
other;		
Remarks;		
Observer's Signature		

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59	5	5	5	5	

Last Certification Date

Oct 06

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	4-6-07
OBSERVER:	J. Earl
START:	11:59 (am) pm
FINISH:	12:13 am (pm)
Source:	CBF Bleeders
Observation Point	Melter Load Gate 3
distance from:	400'
direction from:	E
source height:	200'
wind direction	NW
wind speed	10-15
sky condition	overcast
amb. temp. (F)	27
color of emissions	White / Gray
other;	
Remarks;	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30					
1	5	5	5	5		31					
2	5	5	5	5		32					
3	5	5	5	10		33					
4	5	5	10	10		34					
5	10	10	10	10		35					
6	10	5	5	5		36					
7	5	5	0	5		37					
8	5	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date Oct 06

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

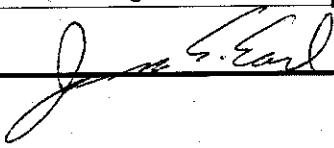
DATE:	4-5-07
OBSERVER:	J. Earl
START:	8:40 am pm
FINISH:	am pm
Source:	C BF Blowers
Observation Point	Miller Road
distance from:	400'
direction from:	E
source height:	200'
wind direction	NW
wind speed	15-20
sky condition	cloudy
amb. temp. (F)	28°
color of emissions	white/gray
other:	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40	5	5	5	5	
11						41	5	5	5	5	
12						42	5	5	5	5	
13						43	5	5	5	5	
14						44	5	5	5	5	
15						45	5	5	5	5	
16						46	5	5	5	5	
17						47	5	0	0	0	
18						48	5	5	5	5	
19						49	5	5	5	5	
20						50	5	5	5	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56					
27						57					
28						58					
29						59					

Last Certification Date

Oct 07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	4-3-07
OBSERVER:	J. Earl
START:	am 12:25 (pm)
FINISH:	am 12:25 (pm)
Source:	CBF Bleeders
Observation Point	Craycar Parking Lot
distance from:	300'
direction from:	SE
source height:	15'
wind direction	SE
wind speed	10-15
sky condition	Clear
amb. temp. (F)	58°
color of emissions	White / Gray
other;	
Remarks;	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5	80	15	15	80		35					
6	80	75	75	75		36					
7	75	80	80	80		37					
8	80	70	70	70		38					
9	65	65	60	60		39					
10	55	55	70	70		40					
11	70	70	70	70		41					
12	70	60	60	60		42					
13	70	65	55	55		43					
14	55	40	40	45		44					
15	45	40	45	40		45					
16	30	30	30	25		46					
17	20	15	15	15		47					
18	10	10	10	10		48					
19	10	10	5	1		49					
20	5	5	5	5		50					
21	5	5	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date Oct 06

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-25-07
OBSERVER:	EO TELMERS
START:	8:00(am) pm
FINISH:	10:10(am) pm
Source:	ROOF ROOF MONTAGE
Observation Point	TO THE RIGHT OF GATE #1
distance from:	643'
direction from:	SF
source height:	280'
wind direction	NW
wind speed	1 mph
sky condition	OVERCAST
amb. temp. (F)	68°
color of emissions	WHITE UNLESS NOTED
other;	
Remarks;	Heat No.
	36226 7C495 JKA

8:00AM

10F3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	-	-	TRAIN
8	0	0	0	0		38	-	-	-	-	
9	0	0	0	0		39	-	-	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	5	5	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature

EO Telmers

Last Certification Date

5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-25-07
OBSERVER:	Ed Telmers
START:	8:00 am
FINISH:	10:10 am
Source:	BOP ROOF MONITORS
Observation Point	TO TAB ENTRANCE OF GATE #1
distance from:	643'
direction from:	SE
source height:	2861
wind direction:	NW
wind speed:	1 mph
sky condition:	PARTLY CLOUDY
amb. temp. (F)	68° - 70°
color of emissions:	WHITE UNLESS NOTED
other:	
Remarks:	
Observer's Signature	Ed Telmers

9:00 AM						2:00 PM					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	0	0	
1	5	5	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	-	TRAIN
3	0	0	0	0		33	-	-	-	-	
4	0	0	0	0		34	-	-	-	-	
5	0	0	0	0		35	-	-	-	-	
6	0	0	0	0		36	-	-	-	-	
7	0	0	0	0		37	-	-	-	-	
8	0	0	0	0		38	-	-	-	-	
9	0	0	0	0		39	-	-	-	-	
10	0	0	0	0		40	-	-	-	-	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	5	
13	0	0	0	0		43	5	0	0	0	
14	0	0	0	0		44	5	5	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date: 5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-25-07
OBSERVER:	Eo Telnes
START:	8:00 (am) pm
FINISH:	10:10 (am) pm
Source:	RUF RUF MORTARS
Observation Point	TO TREES RIGHT OF GATE #1
distance from:	645'
direction from:	SE
source height:	250'
wind direction	NW
wind speed	1 mph
sky condition	PARTLY CLOUDY
amb. temp. (F)	68° - 70°
color of emissions	WHITE UNLESS NOTED
other;	
Remarks;	
Observer's Signature	Eo Telnes

10:00 AM

3 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0					40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-18-07
OBSERVER:	EO TECHNERS
START:	7:45 (am) pm
FINISH:	9:45 (am) pm
Source:	ROOF ROOF MONITORS
Observation Point	TO THE RIGHT OF GATE #1
distance from:	645'
direction from:	S/E
source height:	250'
wind direction	S
wind speed	2 mph
sky condition	PARTLY CLOUDY
amb. temp. (F)	72°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	CALCO SAID STARTING IN 8 MIN.
Hed No.:	
	75377 KK
	360980
Observer's Signature	EO Techners

7:00AM

1 OP 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	5	
18						48	5	5	0	5	
19						49	5	5	5	5	
20						50	10	10	10	10	
21						51	15	15	10	10	
22						52	5	5	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	8	8	8	

Last Certification Date 5/10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-18-07
OBSERVER:	ED TELNERS
START:	7:45 am
FINISH:	9:45 am
Source:	BUE ROOF MONITORS
Observation Point	T6 TRB RIGHT OF GATE
distance from:	643'
direction from:	SE
source height:	250'
wind direction	S
wind speed	2 mph
sky condition	Partly cloudy
amb. temp. (F)	72°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	
Observer's Signature	Ed Telners

8:00AM

2 of 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	5		30	0	0	0	5	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	5	0		33	0	0	0	6	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	5	5	0	0	
6	0	0	0	0		36	0	5	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	5	
24	0	0	0	0		54	5	5	5	5	
25	0	5	5	5		55	3	5	0	0	
26	5	5	5	5		56	0	0	0	0	
27	0	0	5	5		57	0	0	0	0	
28	10	10	10	10		58	0	0	0	0	
29	5	5	5	5		59	0	0	0	0	

Last Certification Date

5-18-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-18-07
OBSERVER:	ED TISLERS
START:	7:45 (am) pm
FINISH:	9:45 (am) pm
Source:	BOP ROOF MONTEES
Observation Point TO THE	RIGHT OF GATE #1
distance from:	(643)
direction from:	S/E
source height:	256'
wind direction	S
wind speed	2 mph
sky condition	Partly cloudy
amb. temp. (F)	72°
color of emissions	White Unclear
other;	
Remarks;	
Observer's Signature	

9:00 AM 30 of 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	7	0	0	
5	0	0	0	0		35	0	8	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	5	3	3	
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date 5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-11-07
OBSERVER:	ED TBLNERS
START:	8:00(am) pm
FINISH:	10:12(am) pm
Source:	BDF ROOF MONITORS
Observation Point	RIGHT OF GATE #1
distance from:	643'
direction from:	S/E
source height:	250'
wind direction	SW
wind speed	1 mph
sky condition	Partly cloudy
amb. temp. (F)	60°
color of emissions	WHITE UNLESS NOTED
other;	
Remarks;	
	Hat Nos.
	35997
	35998
Observer's Signature	Ed Tbhner

8:00 AM

1 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	5	BROWN
6	0	0	0	0		36	3	0	0	0	BROWN
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	6	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	8	0	0		45	0	0	0	6	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	5	5	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	6	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	5	5	BROWN
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	5	10	
25	0	0	0	0		55	15	15	10	10	
26	0	0	0	0		56	15	15	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-11-07
OBSERVER:	BO TILNER
START:	8:00 am pm
FINISH:	10:12 am pm
Source:	BOF ROLL MONITORS
Observation Point	RIGHT OF GRADE #1
distance from:	145'
direction from:	SE
source height:	250'
wind direction	SW
wind speed	1 mph
sky condition	Partly cloudy
amb. temp. (F)	62°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	

9:00AM

2 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	8	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature

Bo Tilner

Last Certification Date

5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-11-07
OBSERVER:	ED TELNERS
START:	8:00 am pm
FINISH:	10:12 (am) pm
Source:	BOF Roof Monitors
Observation Point	RIGHT OF GATE #1
distance from:	645'
direction from:	SE
source height:	250'
wind direction	SW
wind speed	1 mph
sky condition	PARTLY CLOUDY
amb. temp. (F)	60°-65°
color of emissions	WHITE UNLESS NOTED
other;	
Remarks;	READ A LITTLE LONGER TRAVEL 2 HRS TO GET 2 HEATS IN PER JIM KAIL, JIM CALLED 10:11AM SAYIN 2 HEAT DONE
Observer's Signature	Ed Telners

10:00 AM

3 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○		34					
5	○	○	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	○	○		41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-5-07
OBSERVER:	ED TELNERS
START:	8:37 am
FINISH:	8:51 (am) pm
Source:	ROF Roof Monitors
Observation Point	TO THE RIGHT OF GATE #1
distance from:	645'
direction from:	SE
source height:	250'
wind direction	NNW
wind speed	4 mph
sky condition	OVERCAST
amb. temp. (F)	55°
color of emissions	(check unless noted)
other;	
Remarks;	
	Hatch.
	35917
	75794
Observer's Signature	Ed Telner

8:00AM					10F3						
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	5	5	5	5	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Last Certification Date

5-10-2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-5-07
OBSERVER:	ED TELNERS
START:	8:37(am) pm
FINISH:	10:31(am) pm
Source:	BUE ROOF MONITORS
Observation Point	TO THE RIGHT OF GATE #1
distance from:	645'
direction from:	SE
source height:	280'
wind direction	NNW
wind speed	11 mph
sky condition	OVERCAST
amb. temp. (F)	55°
color of emissions	WHITE UNLESS NOTED
other;	
Remarks;	
Observer's Signature	Ed Telner

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	5	5	
1	○	○	○	○		31	5	5	5	5	
2	○	○	○	○		32	5	5	5	5	
3	○	○	○	○		33	5	5	3	5	
4	○	○	○	○		34	5	10	10	15	BROWN
5	○	○	○	○		35	15	10	10	5	BROWN
6	○	○	○	○		36	3	5	3	5	
7	○	○	○	○		37	5	3	5	0	
8	○	○	○	○		38	0	0	0	0	
9	○	○	○	○		39	0	0	0	0	
10	○	○	○	○		40	0	0	0	0	
11	○	○	8	0		41	0	0	0	0	
12	○	○	○	○		42	0	0	0	0	
13	○	○	○	○		43	0	0	0	0	
14	○	○	○	○		44	0	0	0	0	
15	○	○	0	0		45	0	0	0	0	
16	○	○	○	○		46	0	0	0	5	
17	○	○	○	○		47	5	0	0	0	
18	○	○	○	○		48	0	0	0	0	
19	○	○	○	○		49	0	0	0	0	
20	○	○	○	○		50	0	0	5	5	
21	○	○	○	○		51	5	5	5	5	
22	○	○	○	8		52	5	0	0	0	
23	○	○	0	0		53	0	0	0	0	
24	○	○	○	○		54	0	0	0	0	
25	○	○	○	○		55	0	0	0	0	
26	○	○	○	○		56	0	0	0	0	
27	○	○	○	○		57	0	0	0	0	
28	○	○	0	5		58	0	0	0	0	
29	5	0	0	0		59	0	0	0	0	

Last Certification Date 5/10/2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-5-07
OBSERVER:	EA TELNERS
START:	8:37 am pm
FINISH:	10:51 am pm
Source:	BOF ROOF MONITORS
Observation Point	TO THE RIGHT OF GATE #1
distance from:	643
direction from:	SE
source height:	230
wind direction	NNW
wind speed	11 mph
sky condition	OVERCAST
amb. temp. (F)	55° - 58°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	TRAIN WENT BY 2X

10:00AM						3 OF 3					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	-	-	-		35	○	○	○	○	
6	-	-	-	-		36	○	○	○	-	
7	-	-	-	-		37	-	-	-	-	
8	-	-	-	-		38	-	-	-	-	
9	○	○	○	○		39	-	-	-	-	
10	○	○	○	○		40	-	-	-	-	
11	○	○	○	○		41	-	-	-	-	
12	○	○	○	○		42	-	-	-	-	
13	○	○	○	○		43	-	-	-	-	
14	○	○	○	○		44	-	-	-	-	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51					
22	○	○	○	○		52					
23	○	○	○	○		53					
24	○	○	○	5		54					
25	3	3	5	0		55					
26	○	○	○	○		56					
27	○	○	○	○		57					
28	○	○	○	○		58					
29	○	○	○	○		59					

Observer's Signature

EO Telner

Last Certification Date

5-10-2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	5-29-07
OBSERVER:	ED TEHNERS
START:	10:00 am pm
FINISH:	am(2:15pm)
Source:	BUF Roof Monitors
Observation Point TO THE RIGHT OF GATE #1	
distance from:	645'
direction from:	SE
source height:	250'
wind direction	S E
wind speed	6 mph
sky condition	PARTLY CLOUDY
amb. temp. (F)	74°
color of emissions	WHITE UNLESS NOTED
other;	
Remarks;	Spokane Jason
	Heat No.
	75107
	75108
Observer's Signature	Ed Tehnerns

10:00AM

PAGE 1 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date 5-10-2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	5-29-07
OBSERVER:	ED TELNERS
START:	10:05 am pm
FINISH:	am 12:15 pm
Source:	BOF ROOF MONITORS
Observation Point To TKE	RIGHT OF GATE #1
distance from:	645'
direction from:	SE
source height:	250'
wind direction	SE
wind speed	6 mph
sky condition	Partly Cloudy
amb. temp. (F)	74°
color of emissions	White unless noted
other;	
Remarks;	
Observer's Signature	Ed Telners

11:00AM

PAGE 2 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

5-10-2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	5-29-07
OBSERVER:	EO TELNERS
START:	10:05am pm
FINISH:	am 12:15pm
Source:	BOF ROOF MONITOR
Observation Point	TO THE RIGHT OF GATE #1
distance from:	643'
direction from:	SE
source height:	250'
wind direction	SE
wind speed	6 mph
sky condition	Partly cloudy
amb. temp. (F)	71°
color of emissions	
WANTS UNLESS NOTED	
other:	
Remarks:	
Observer's Signature	EO Telners

12:00PM

PAGE 3 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○		34					
5	○	○	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	○	○	○		43					
14	○	○	○	○		44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 5-10-2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	05/21/07
OBSERVER:	MF
START: 13:00 am	00
FINISH: 14:54 am	00
Source: BOF ROOF VENTS	
Observation Point	
KOD M67AC BUILDING BY RD	
distance from: 500 ft	400 ft
direction from: SW	
source height: 150 ft	
wind direction S E	
wind speed 6 m/h	
sky condition OVERCAST	
amb. temp. (F) 59°F	
color of emissions	
NONE	
other:	
Remarks:	
<i>Heat No.</i>	
<i>35753</i>	
<i>35754</i>	

1 OF 2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature

Last Certification Date

04/10/03

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	05/21/07
OBSERVER:	MM
START:	1300 am 6m
FINISH:	1459 am 6m
Source:	BOF ROOF VENTS
Observation Point	SAME AS PAUL OMB
distance from:	/
direction from:	
source height:	
wind direction	
wind speed	
sky condition	
amb. temp. (F)	
color of emissions	
other;	
Remarks;	V
Observer's Signature	A

20F2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

04/10/07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	05/15/07
OBSERVER:	FFF
START:	1100 am pm
FINISH:	1254 am pm
Source:	BOF COOF VENTS
Observation Point	RED METAL BUILDING BEFORE HYDROGEN
distance from:	500FT
direction from:	SOUTH
source height:	150FT
wind direction	WSW
wind speed	18 MPH
sky condition	Partly Cloudy
amb. temp. (F)	78°F
color of emissions	NONE
other;	
Remarks;	Heat No.
	74943
	74144
Observer's Signature	R

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	8		30	0	0	0	0	
1	0	0	0	8		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	8	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	8	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

04/10/07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 05/15/07
OBSERVER: KLL
START: 100 am pm
FINISH: 12:19 am pm
Source: BOP KUT VENTS
Observation Point <i>Same as plant out</i>
distance from:
direction from:
source height:
wind direction
wind speed
sky condition
amb. temp. (F)
color of emissions
other;
Remarks;
Observer's Signature

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

04/06/07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	05/07/07				
OBSERVER:	RPF				
START:	1300	am	pm	600	
FINISH:	am	pm			
Source:	BOF NO. 1 VGMTS				
Observation Point	RED METAL BUILDING				
distance from:	500 FT				
direction from:	SOUTH				
source height:	150 FT				
wind direction	SOUTH				
wind speed	15 MPH				
sky condition	PARTLY CLOUDY				
amb. temp. (F)	68°F				
color of emissions	BROWN				
other:					
Remarks;					
<i>Not NDI.</i>					
35587					
35588					

1012

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature

Last Certification Date

04/16/07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	05/07/07
OBSERVER:	ML
START: 1300 am	pm
FINISH: am	pm
Source: <i>BUF KILN</i>	
<i>VENIS</i>	
Observation Point	
<i>SAME AS</i>	
<i>PAW DMG</i>	
distance from:	
direction from:	
source height:	
wind direction	
wind speed	
sky condition	
amb. temp. (F)	
color of emissions	
other:	
Remarks:	<i>V</i>

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature



Last Certification Date

04/06/07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	05/01/07
OBSERVER:	WL
START:	0930 am
FINISH:	1129 am
Source:	BOP LINE UNITS
Observation Point:	
KOD METAL BUILDING	
distance from:	500 FT
direction from:	SOUTH
source height:	150 FT
wind direction	EAST
wind speed	6 MPH
sky condition	OVERTCAST
amb. temp. (F)	520 F
color of emissions	BROWN
other;	
Remarks:	
Hot Mi.	
35509	
35510	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	5	5	5	
14						44	5	5	5	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Observer's Signature

Last Certification Date

04/10/07

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	05/01/07
OBSERVER:	LAR
START:	09:30 am
FINISH:	11:24 am
Source:	BOF RUFF VENTS
Observation Point	
SAME AS PAGE ONE	
distance from:	
direction from:	
source height:	
wind direction	
wind speed	
sky condition	
amb. temp. (F)	
color of emissions	
other;	
Remarks:	
V	
Observer's Signature	
	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

04/10/07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	05/01/07
OBSERVER:	MV
START:	0430 <input checked="" type="checkbox"/> am <input type="checkbox"/> pm
FINISH:	0429 <input checked="" type="checkbox"/> am <input type="checkbox"/> pm
Source:	BOP ELEV VENTS
Observation Point	
SAME AS PAWS ONE	
distance from:	
direction from:	
source height:	
wind direction	
wind speed	
sky condition	
amb. temp. (F)	
color of emissions	
other;	
Remarks:	
V	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature

Last Certification Date

04/10/07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 04/24/07
OBSERVER: <u>ME</u>
START: 0935 am pm
FINISH: 1137 am pm
Source: <u>BUF ROOF VENTS</u>
Observation Point
EAST OF GARDEN SHACK AT <del>DOOR</del> GATE
distance from: <del>1000 FT</del> GATE
direction from: SE
source height: 150 FT
wind direction SOUTH
wind speed 2 mph
sky condition PARTLY CLOUDY
amb. temp. (F) 55°F
color of emissions
ORANGE, YELLOW
other:
Remarks;
Heat No.
35433
35434

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	20	20	15	10	
11						41	10	15	20	20	
12						42	15	15	15	15	
13						43	15	15	10	-	TRAV
14						44	-	-	-	-	WAT
15						45	-	-	15	30	
16						46	25	25	25	20	
17						47	20	30	20	20	
18						48	20	20	20	-	TRAV WAT
19						49	-	30	15	10	WAT
20						50	15	15	20	20	
21						51	10	10	20	35	
22						52	25	20	20	30	
23						53	30	30	30	35	
24						54	25	20	20	15	
25						55	20	35	30	35	
26						56	15	15	15	10	
27						57	10	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Observer's Signature

Last Certification Date

04/10/07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	04/24/07
OBSERVER:	R/L
START:	0935 AM pm
FINISH:	1137 AM pm
Source:	BUF NOUF VENTS
Observation Point	SAME AS PACB DNB
distance from:	/
direction from:	/
source height:	/
wind direction	/
wind speed	/
sky condition	/
amb. temp. (F)	/
color of emissions	/
other;	/
Remarks:	V

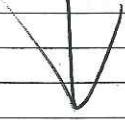
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	15	10	5	0		34	15	0	0	15	
5	0	0	0	0		35	10	0	25	10	
6	0	0	0	0		36	10	10	10	10	
7	0	0	0	0		37	10	0	10	10	
8	0	0	0	0		38	20	5	10	20	
9	0	0	0	0		39	20	20	15	10	
10	0	8	0	0		40	10	10	15	20	
11	0	8	0	0		41	0	15	20	20	
12	0	0	0	0		42	30	20	25	20	
13	0	0	0	0		43	20	20	35	25	
14	0	0	0	0		44	25	40	30	35	
15	0	0	0	0		45	25	30	25	25	
16	0	0	0	0		46	25	25	20	25	
17	0	0	0	0		47	20	20	35	20	
18	0	0	0	0		48	20	20	20	20	
19	0	0	0	0		49	25	20	20	15	
20	0	0	0	0		50	15	15	20	20	
21	0	0	0	0		51	20	15	15	15	
22	0	0	0	0		52	15	15	10	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature

Last Certification Date

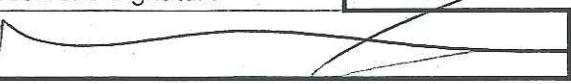
04/10/07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	04/24/07
OBSERVER:	PAT
START:	09:35 am pm
FINISH:	11:37 am pm
Source:	BUP ROOF VENTS
Observation Point	
SAME AS PAGB ONE	
distance from:	
direction from:	
source height:	
wind direction	
wind speed	
sky condition	
amb. temp. (F)	
color of emissions	
other;	
Remarks;	
	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature



Last Certification Date 04/10/07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	07/18/07
OBSERVER:	LL
START:	1340 am
FINISH:	1534 am
Source:	BoF Roof Vent
Observation Point	
1000 ft south of PILTHOUSE ROAD	
distance from: 1000 ft	
direction from: 463°	
source height: 150 ft	
wind direction NW	
wind speed 1 mph	
sky condition overcast	
amb. temp. (F) 49°F	
color of emissions	
BROWN	
other:	
Remarks:	
Heat No.	
35341	
74628	
35342	
Observer's Signature	

1 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	15	0	0	0	
18						48	0	0	0	0	
19						49	0	0	10	10	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Last Certification Date

04/10/07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	04/18/07
OBSERVER:	LLP
START:	1340 am
FINISH:	1534 am
Source:	BOP KROOP VENTS
Observation Point	Stone AS PAGE ONE P
distance from:	0
direction from:	
source height:	
wind direction	
wind speed	
sky condition	
amb. temp. (F)	
color of emissions	
other;	
Remarks;	V

2 OF 3

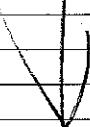
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	10	10	10		42	0	0	0	0	
13	10	15	15	20		43	0	0	0	0	
14	20	15	15	15		44	0	0	0	0	
15	10	5	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	10	10	
17	0	0	0	0		47	10	10	15	15	
18	0	0	0	0		48	15	15	15	15	
19	0	0	0	0		49	15	10	10	15	
20	15	20	0	0		50	15	20	20	15	
21	0	0	0	0		51	15	20	10	10	
22	0	0	0	0		52	10	10	10	10	
23	0	0	0	0		53	10	10	0	0	
24	0	0	0	15		54	0	0	0	0	
25	15	20	15	10		55	0	0	0	0	
26	10	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature

Last Certification Date

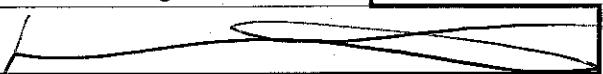
04/16/07

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	04/18/07
OBSERVER:	MM
START:	1340 am
FINISH:	1534 am
Source:	SOF ROLL VENTS
Observation Point	
SAME AS ROLL UNIT	
distance from:	
direction from:	
source height:	
wind direction	
wind speed	
sky condition	
amb. temp. (F)	
color of emissions	
other;	
Remarks;	
	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	8		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	5	5	5	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	5	5	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40					
11	8	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	10	10		44					
15	10	15	10	10		45					
16	10	10	10	10		46					
17	10	5	5	5		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	8	9	0		53					
24	0	8	8	5		54					
25	5	0	0	0		55					
26	0	0	0	0		56					
27	0	8	9	0		57					
28	0	8	8	0		58					
29	0	0	0	0		59					

Observer's Signature



Last Certification Date

04/10/07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	07/09/07
OBSERVER:	10F3
START:	1320 am
FINISH:	1804 am
Source:	B6E ROLL VENTS
Observation Point	
FILTER LOCATED IN TWO	
distance from:	1000 FT
direction from:	WEST
source height:	150 FT
wind direction	WSW
wind speed	8 MPH
sky condition	Partly Cloudy
amb. temp. (F)	39.0 F
color of emissions	BROWN
other;	
Remarks;	
Test No. 5.	
74492	
74473	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20	0	0	0	0		50	10	20	15	10	
21	0	0	0	0		51	5	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	5	5		55	0	0	0	0	
26	5	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature

Last Certification Date

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	04/09/07
OBSERVER:	118
START:	1320 am (pm)
FINISH:	1514 am (pm)
Source:	BUR RUFF VENTS
Observation Point	SAM 11 1465 AMG
distance from:	/
direction from:	/
source height:	/
wind direction	/
wind speed	/
sky condition	/
amb. temp. (F)	/
color of emissions	/
other:	/
Remarks:	V
Observer's Signature	[Signature]

2 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	5	5	5	
7	0	0	0	0		37	5	5	5	5	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

10/11/08

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	04/09/07
OBSERVER:	116
START:	1320 am
FINISH:	1519 pm
Source:	BUTT ROLL VENTS
Observation Point	
SAME AS	
MEAS ONE	
distance from:	
direction from:	
source height:	
wind direction	
wind speed	
sky condition	
amb. temp. (F)	
color of emissions	
other;	
Remarks;	
	
Observer's Signature	

30F3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

04/07/06

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	04/03/07
OBSERVER:	AB
START:	1200 am
FINISH:	1400 pm
Source:	BDF NOUF VENT
Observation Point	FILTER WICKERTAD
distance from:	1000 ft
direction from:	WEST
source height:	150 ft
wind direction	NE
wind speed	14 mph
sky condition	CLOUDY
amb. temp. (F)	57°F
color of emissions	NO NO
other:	
Remarks:	
Heat No.	
35113	
35114	
Observer's Signature	

10F2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

10/14/06

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

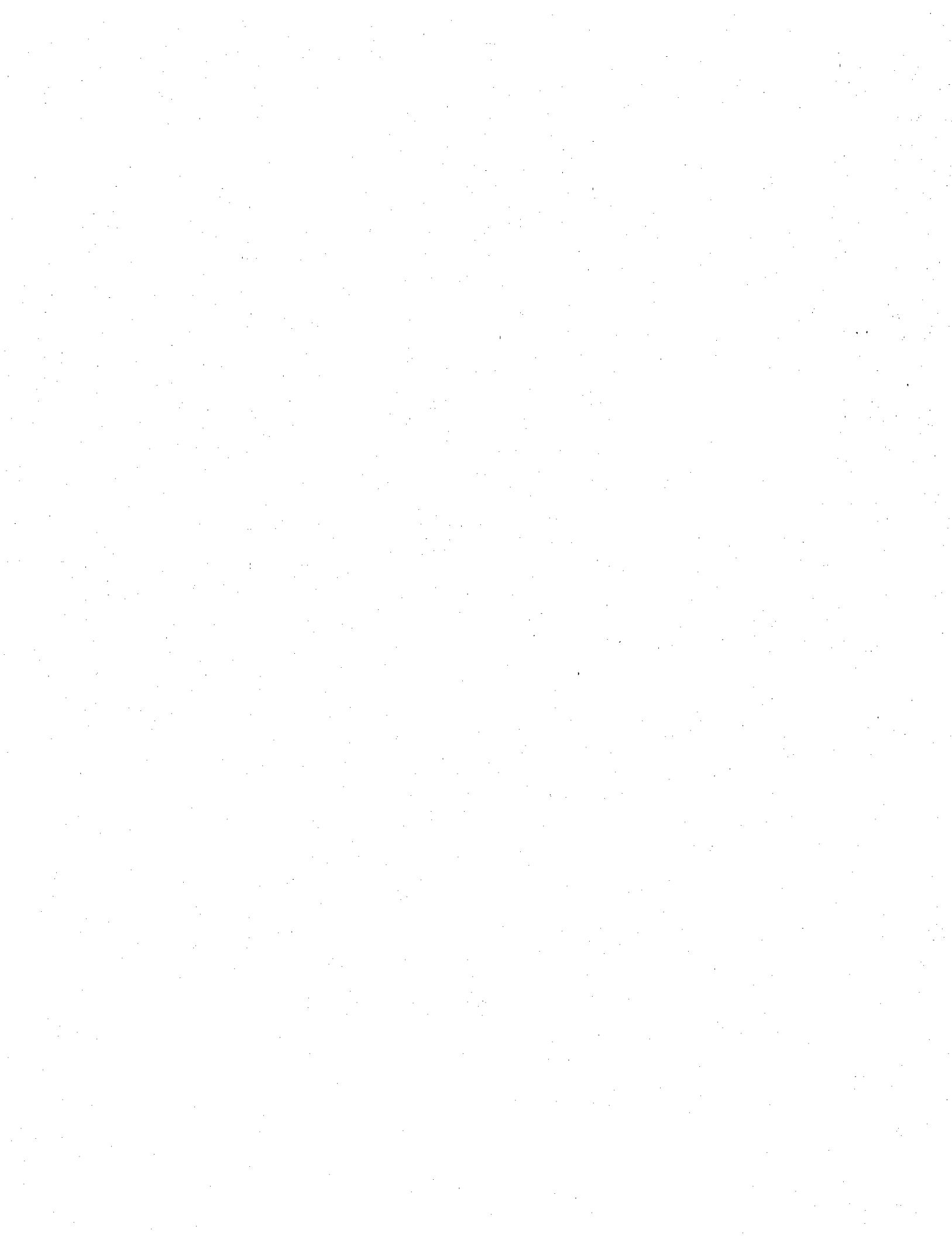
DATE:	08/08/07
OBSERVER:	b/j
START:	1200 am
FINISH:	400 am
Source:	BOF LOOP DOWNS
Observation Point	S AMT 1B PAWB DNG
distance from:	
direction from:	
source height:	
wind direction	
wind speed	
sky condition	
amb. temp. (F)	
color of emissions	
other:	
Remarks:	
Observer's Signature	

20F2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

10/11/06



## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-26-07
OBSERVER:	Eo TELNERS
START:	am 12:00 pm
FINISH:	am 3:10 pm
Source:	C-BLAST FURNACE
Observation Point	PARKING WEST SIDE OF SLIP
distance from:	500'
direction from:	WEST
source height:	125'-150'
wind direction	SE
wind speed	1 mph
sky condition	Partly cloudy
amb. temp. (F)	85°
color of emissions	Brown
UNLESS NOTED	
other;	
Remarks;	CALLED, SAID START DRILLING @ 12:10 PM
Observer's Signature	Eo Telmers

12:00PM

10F4

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	5	
8	0	0	0	0		38	5	5	5	5	
9	0	0	0	0		39	5	5	5	0	
10	0	0	5	5		40	0	0	0	0	
11	5	5	5	5		41	0	0	0	0	
12	5	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	5	5	5	5		45	5	5	0	0	
16	5	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	5	5	5	5		48	0	0	0	0	
19	5	5	5	5		49	0	0	0	0	
20	0	0	0	0		50	5	5	5	5	
21	0	0	0	0		51	5	5	5	5	
22	0	0	0	0		52	0	5	5	5	
23	0	0	0	0		53	5	0	5	0	
24	0	5	5	5		54	0	0	0	0	
25	5	0	0	5		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	5	5	5	
29	0	0	0	0		59	5	5	5	0	

Last Certification Date

5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	b-26-07
OBSERVER:	ED TELNERS
START:	am 12:00 (pm)
FINISH:	am 3:10 (pm)
Source:	C-1SLAST FURNACE
Observation Point	PARKING WEST SIDE OF SLIP
distance from:	500'
direction from:	WEST
source height:	125'-150'
wind direction	SSE
wind speed	1 mph
sky condition	PARTLY CLOUDY
amb. temp. (F)	85°
color of emissions	BROWN
UNLESS NOTED	
other:	
Remarks:	CAUSED AT 1:30 PM, SAID PLUGGING FOR ANOTHER HOUR
Observer's Signature	Ed Telner

1:00PM

2SF4

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	5	5	5	
4	0	0	0	0		34	5	5	5	5	
5	0	5	0	5		35	5	0	0	5	
6	5	0	5	5		36	5	5	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	5	5		41	0	0	0	0	
12	5	5	5	5		42	5	5	5	5	
13	5	0	0	0		43	5	5	5	5	
14	0	0	0	0		44	5	5	5	5	
15	0	0	0	0		45	5	5	5	5	
16	0	5	0	0		46	5	5	5	0	
17	0	0	0	0		47	0	0	0	5	
18	0	0	0	0		48	5	5	5	5	
19	5	5	5	5		49	5	5	5	5	
20	5	5	5	5		50	5	5	5	5	
21	5	3	3	5		51	5	5	5	5	
22	0	5	5	5		52	0	0	0	0	
23	5	5	5	5		53	0	0	0	0	
24	5	5	5	5		54	0	0	0	0	
25	5	3	3	5		55	0	5	5	5	
26	5	5	5	5		56	5	5	5	5	
27	0	0	0	0		57	0	3	5	5	
28	0	0	0	0		58	5	5	5	5	
29	0	0	0	0		59	5	0	0	0	

Last Certification Date

5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-26-07
OBSERVER:	EOTILNERS
START:	am 12:00(pm)
FINISH:	am 3:10(pm)
Source:	C-BLAST FURNACE
Observation Point	PARKING WEST SIDE OF SLIP
distance from:	500'
direction from:	WEST
source height:	125-150'
wind direction	SE
wind speed	1 mph
sky condition	PARTLY CLOUDY
amb. temp. (F)	83°
color of emissions	BROWN
UNLESS NOTED	
other;	
Remarks;	
Observer's Signature	Eo Tilner

2:00 PM      30F 4

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	5	5	
2	0	0	0	0		32	5	5	5	0	
3	0	0	0	0		33	0	0	0	5	
4	5	5	5	5		34	5	5	5	5	
5	3	5	5	5		35	5	5	5	5	
6	5	5	5	5		36	0	0	0	0	
7	5	5	5	5		37	0	0	0	5	
8	5	5	5	5		38	0	5	5	5	
9	5	5	5	5		39	5	5	5	5	
10	5	5	5	5		40	0	0	0	0	
11	5	5	5	5		41	0	0	0	0	
12	5	5	0	0		42	0	0	5	5	
13	5	5	5	5		43	5	5	5	0	
14	5	5	5	5		44	0	5	5	5	
15	5	5	0	0		45	5	5	5	5	
16	0	0	5			46	5	5	5	5	
17	0	0	0	5		47	5	5	5	5	
18	0	0	0	0		48	5	5	5	5	
19	0	0	0	5		49	5	0	0	0	
20	0	0	0	5		50	0	5	5	5	
21	5	5	5	5		51	0	0	0	0	
22	5	5	5	5		52	0	0	0	0	
23	5	5	5	5		53	0	0	0	0	
24	5	5	5	5		54	0	0	0	0	
25	5	5	5	5		55	0	5	0	0	
26	5	5	5	5		56	0	0	0	0	
27	5	5	5	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	5	
29	0	0	0	0		59	5	5	5	5	

Last Certification Date

5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-26-07
OBSERVER:	Ed TELNERS
START:	am 12:00 (P.M.)
FINISH:	am 3:10 pm
Source:	C-BLAST FURNACES
Observation Point	PARKING WEST SIDE OF SLIP
distance from:	500'
direction from:	WEST
source height:	125-150'
wind direction	SE
wind speed	1 mph
sky condition	Partly cloudy
amb. temp. (F)	88°
color of emissions	Brown
other:	UNLESS NOTED
Remarks:	FINISHED PLUGGING 3:10 PM
Observer's Signature	Ed Telners

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30					
1	5	5	5	5		31					
2	5	0	5	5		32					
3	5	5	5	5		33					
4	0	0	0	0		34					
5	0	5	5	5		35					
6	5	5	5	5		36					
7	5	5	5	5		37					
8	5	5	3	5		38					
9	5	5	5	10		39					
10	10	5	5	5		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-20-07
OBSERVER:	EO TELNERS
START:	am 12:05 pm
FINISH:	am 2:58 pm)
Source:	C-BLAST FURNACE
Observation Point	WEST SIDE OF SLP
distance from:	500'
direction from:	WEST
source height:	125 - 150'
wind direction	W
wind speed	5 mph
sky condition	CLEAR
amb. temp. (F)	70°-74°
color of emissions	BROWN UNLESS NOTED
other;	
Remarks:	CALLED @ 11:58AM, SAID WILL START DRILLING @ 12:05PM
Observer's Signature	EO Telmers

12:05PM

1 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	5	5	
2						32	0	0	0	5	
3						33	5	5	0	0	
4						34	5	5	5	5	
5	0	0	0	0		35	5	5	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	5	5	5	5	
8	0	0	0	0		38	0	5	3	5	
9	0	0	0	0		39	5	0	0	5	
10	0	0	0	0		40	5	5	0	0	
11	0	0	0	0		41	5	3	5	5	
12	0	0	0	0		42	5	5	5	5	
13	0	5	5	3		43	0	0	3	0	
14	5	5	5	5		44	0	3	5	5	
15	5	5	5	5		45	5	5	3	5	
16	5	3	5	5		46	5	5	5	5	
17	5	5	5	5		47	5	5	5	5	
18	5	0	0	0		48	5	5	5	5	
19	5	0	0	0		49	5	5	5	0	
20	0	0	0	0		50	0	3	5	5	
21	0	5	5	5		51	5	5	5	5	
22	5	5	5	5		52	0	0	0	0	
23	5	0	0	5		53	5	6	5	5	
24	0	0	0	0		54	5	5	5	5	
25	0	5	5	0		55	5	5	5	5	
26	0	0	0	0		56	5	5	5	5	
27	0	5	5	5		57	5	5	5	5	
28	5	0	0	5		58	5	5	5	5	
29	5	5	5	0		59	5	5	5	5	

Last Certification Date

5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-20-07
OBSERVER:	Eo TELMERS
START:	am 12:08 PM
FINISH:	am 2:58 pm
Source:	C-BLAST FURNACE
Observation Point	WEST SIDE OF SLIP
distance from:	500'
direction from:	WEST
source height:	125-130'
wind direction	W
wind speed	5 mph
sky condition	CLEAR
amb. temp. (F)	70° - 74°
color of emissions	BROWN UNLESS NOTED
other:	
Remarks:	1:08PM, CAUSED SAID PLUGGING UNTIL ~ 2PM
Observer's Signature	Eo Telmers

1:00PM

2 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	0	0	0		30	5	5	5	0	
1	0	5	5	5		31	5	5	5	5	
2	5	5	5	5		32	0	0	5	5	
3	5	3	3	3		33	3	5	0	0	
4	5	5	5	5		34	5	5	5	5	
5	5	5	5	5		35	5	5	10	5	
6	0	5	5	5		36	5	5	10	5	
7	0	0	5	5		37	5	5	5	5	
8	5	5	5	5		38	5	0	0	5	
9	5	5	5	5		39	5	5	5	5	
10	5	5	5	5		40	5	5	5	5	
11	5	5	5	5		41	5	5	5	5	
12	0	0	5	5		42	5	5	5	5	
13	5	5	5	5		43	5	3	3	5	
14	5	5	5	5		44	5	5	5	0	
15	5	5	0	0		45	5	5	5	5	
16	5	5	0	0		46	5	5	5	5	
17	5	5	3	5		47	5	5	3	5	
18	0	0	0	5		48	5	5	5	5	
19	5	5	3	3		49	5	3	5	5	
20	5	5	0	0		50	0	5	5	5	
21	5	5	0	5		51	0	0	0	5	
22	5	5	5	0		52	5	5	5	5	
23	0	0	0	5		53	5	5	5	5	
24	5	5	0	5		54	0	5	5	5	
25	5	5	5	5		55	5	5	5	5	
26	5	5	5	5		56	5	5	5	5	
27	5	5	5	5		57	0	5	5	5	
28	5	0	0	5		58	5	5	5	0	
29	5	5	5	5		59	5	5	5	5	

Last Certification Date 5/10/07

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-20-07
OBSERVER:	E.O. TELNERS
START:	am 12:05 (pm)
FINISH:	am 2:55 (pm)
Source:	C-BLAST FURNACE
Observation Point	WEST SIDE OF BOF SLIP
distance from:	500'
direction from:	WEST
source height:	125-150'
wind direction	W
wind speed	5 mph
sky condition	CLEAR
amb. temp. (F)	70°-74°
color of emissions	BROWN UNLESS NOTED
other;	
Remarks;	CAUSED @ 2PM SAID THEY WILL BE DRILLING AGAIN @ 3:10PM
Observer's Signature	E.O. Telners

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30	5	5	5	5	
1	5	5	0	0		31	0	0	0	5	
2	5	5	0	5		32	5	5	5	5	
3	5	5	5	5		33	5	5	5	0	
4	5	5	0	0		34	0	5	0	0	
5	0	0	5	5		35	0	0	0	0	
6	5	5	0	0		36	0	0	5	5	
7	0	0	0	5		37	5	5	5	0	
8	5	5	5	5		38	0	0	5	0	
9	5	5	5	5		39	0	0	0	0	
10	5	5	5	3		40	0	0	0	0	
11	5	5	5	0		41	0	0	0	0	
12	0	5	5	5		42	0	0	0	0	
13	5	5	0	0		43	0	0	0	0	
14	5	5	5	0		44	5	5	5	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	5	5	
20	0	0	0	5		50	5	0	5	0	
21	5	5	5	5		51	0	0	0	0	
22	5	5	5	5		52	5	0	0	0	
23	5	5	5	3		53	0	0	0	8	
24	5	5	5	5		54	0	0	0	8	
25	5	5	5	5		55	0	0	0	0	
26	5	5	5	0		56	0	0	0	0	
27	5	5	5	5		57	0	0	0	0	
28	5	5	5	0		58					
29	5	5	5	5		59					

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-13-07
OBSERVER:	EO TELNESS
START:	am 12:30pm
FINISH:	am 2:00 pm
Source:	C-BLAST FURN
Observation Point	PARKING WEST SIDE OF SLIP
distance from:	500
direction from:	WEST
source height:	125-150
wind direction	N
wind speed	6 mph
sky condition	Partly cloudy
amb. temp. (F)	83°
color of emissions	
BROWN UNLESS NOTED	
other:	
Remarks:	
Observer's Signature	EO Telness

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	5	5	5	
28						58	5	0	0	0	
29						59	0	0	0	0	

Last Certification Date 5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-13-07
OBSERVER:	ED TILNERS
START:	am 12:30 pm
FINISH:	am 2:00 pm)
Source:	C-BLAST FURN
Observation Point	PARKING WEST SIDE OF SLIP
distance from:	500
direction from:	WEST
source height:	125-150'
wind direction	N
wind speed	6 mph
sky condition	PARTLY CLOUDY
amb. temp. (F)	83°
color of emissions	BROWN UNLESS NOTED
other;	
Remarks;	<ul style="list-style-type: none"> <li>- 1:54PM STEVS CALLED, WILL BE DONE PLUGGING UP IN 5 min.</li> <li>- KEPT READING, LOOKED LIKE STILL PLUGGING PAST 1:59PM.</li> </ul>
Observer's Signature	Ed Tilnes

1:00 PM                    2 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	5	
1	0	0	0	0		31	5	10	5	5	
2	0	0	0	0		32	5	5	5	5	
3	0	0	0	0		33	5	5	5	5	
4	0	0	0	0		34	5	5	3	3	
5	0	0	0	5		35	5	5	5	5	
6	5	5	5	5		36	5	3	10	10	
7	5	5	5	0		37	10	5	5	5	
8	0	5	5	5		38	5	5	5	5	
9	5	5	5	5		39	5	5	5	5	
10	5	10	10	5		40	10	10	10	10	
11	5	5	5	5		41	10	10	10	5	
12	5	5	5	3		42	5	5	5	10	
13	5	5	3	0		43	5	5	5	5	
14	0	0	0	0		44	5	5	5	5	
15	0	0	0	0		45	5	5	5	10	
16	0	0	0	0		46	5	5	5	5	
17	0	0	5	5		47	5	5	5	5	
18	5	5	5	5		48	5	5	5	5	
19	5	5	5	5		49	5	0	0	0	
20	5	5	5	5		50	0	0	5	0	
21	5	5	5	5		51	0	0	0	0	
22	5	5	5	5		52	0	0	0	0	
23	5	5	5	10		53	0	0	0	0	
24	5	5	5	5		54	0	0	0	5	
25	5	5	5	5		55	0	0	0	5	
26	5	5	5	5		56	0	0	0	0	
27	5	3	5	5		57	0	0	5	0	
28	5	5	5	5		58	10	10	15	10	
29	5	5	3	0		59	5	5	5	5	

Last Certification Date

5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-13-07
OBSERVER:	EO TELNERS
START:	am 12:30pm
FINISH:	am 2:00pm
Source:	C-BLAST FURN
Observation Point	PARKING WEST SIDE OF SLIP
distance from:	500'
direction from:	WEST
source height:	125-150'
wind direction	N
wind speed	6 mph
sky condition	Partly cloudy
amb. temp. (F)	83°
color of emissions	BROWN UNLESS NOTED
other;	
Remarks;	CALLED AL JONES SAID FINISHED PLUGGING @ 2PM.
Observer's Signature	EO Telners

2:00 PM

3 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5	FINISHED	30					
1	5	5	5	0		31					
2	0	0	0	5		32					
3	5	5	5	5		33					
4	5	5	5	5		34					
5	5	5	5	5		35					
6	5	5	5	5		36					
7	5	5	5	5		37					
8	5	5	0	0		38					
9	0	0	5	0		39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-04-07
OBSERVER:	ED TELNER
START:	1:54 am 1:55 pm
FINISH:	am 5:20pm
Source:	C-BLAST FURNACE
Observation Point	WEST SIDES OF BOAT SLIP
distance from:	500 - 550
direction from:	W
source height:	150
wind direction	SW
wind speed	4 mph
sky condition	CLOUDY
amb. temp. (F)	70°
color of emissions	Brown UNLESS NOTED
other;	
Remarks;	TALKED TO CLINTON SAID DRILLING AT 1:55PM
Observer's Signature	Ed Telner

1:00PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Last Certification Date 5-10-2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-04-07
OBSERVER:	
START:	am 7:55/pm
FINISH:	am 5:20 pm
Source:	C-BLAST FURN
Observation Point	WEST SIDE OF BOAT SLIP
distance from:	500 - 550
direction from:	W
source height:	150
wind direction	SW
wind speed	4 mph
sky condition	Cloudy
amb. temp. (F)	70°
color of emissions	BROWN UNLESS NOTED
other,	
Remarks;	
Observer's Signature	Ed Telmer

2:00 PM

2 OF 5

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	8	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	3	5	
3	0	0	0	0		33	5	5	5	5	
4	0	0	0	6		34	5	5	5	5	
5	5	5	0	0		35	5	5	0	0	
6	8	0	0	0		36	5	5	5	5	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	5	5	5		43	5	0	0	0	
14	0	0	0	0		44	0	0	0	5	
15	0	0	0	6		45	5	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	5	10	
18	0	0	0	5		48	15	10	5	5	
19	5	0	0	0		49	5	5	2	3	
20	0	0	0	0		50	5	5	5	0	
21	5	5	0	0		51	0	0	0	0	
22	0	0	0	0		52	5	5	5	5	
23	0	0	5	5		53	0	0	5	0	
24	5	5	3	0		54	0	5	0	0	
25	0	0	5	3		55	0	0	0	0	
26	0	5	5	5		56	0	0	0	5	
27	0	0	0	0		57	5	10	5	3	
28	0	0	0	0		58	5	0	0	5	
29	0	0	5	0		59	5	3	0	3	

Last Certification Date

5-10-2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-04-07
OBSERVER:	ED TELNERS
START:	am 1:55 pm
FINISH:	am 5:20 pm
Source:	C-BLAST FURNACE
Observation Point	WEST 3108 OF BOAT SLIP
distance from:	500 - 550
direction from:	W
source height:	150
wind direction	SW
wind speed	4 mph
sky condition	CLOUDY
amb. temp. (F)	72°
color of emissions	BROWN UNLESS NOTED
other;	
Remarks;	3:50 PM STARTED PLOWING
Observer's Signature	Zo Telmers

3:00PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	5	
1	0	0	0	0		31	5	5	5	5	
2	0	0	0	0		32	5	5	5	5	
3	0	5	5	5		33	5	5	5	5	
4	0	0	0	0		34	5	10	5	0	
5	0	5	0	5		35	0	0	0	0	
6	5	5	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	5	3	0		38	0	0	0	5	
9	0	0	0	0		39	5	5	5	0	
10	0	0	0	0		40	0	5	5	0	
11	0	0	0	0		41	0	0	6	5	
12	0	5	5	5		42	5	5	5	5	
13	0	0	0	0		43	5	5	0	0	
14	5	5	5	0		44	0	0	0	0	
15	0	0	0	0		45	5	5	5	5	
16	0	0	0	0		46	5	5	5	5	
17	0	0	0	0		47	5	5	5	5	
18	0	0	0	0		48	5	5	5	5	
19	0	0	0	0		49	5	5	5	5	
20	5	5	5	10		50	5	5	5	5	
21	10	5	3	0		51	5	5	5	5	
22	0	0	0	0		52	5	5	5	10	
23	0	0	0	0		53	10	10	5	10	
24	0	0	0	0		54	5	5	5	5	
25	0	0	0	0		55	5	5	0	0	
26	0	0	5	5		56	5	0	0	0	
27	5	0	5	3		57	0	0	0	6	
28	3	5	3	5		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	5	

345

Last Certification Date

5/10/2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-04-07
OBSERVER:	ED TELNERS
START:	am 1:55 (pm)
FINISH:	am 5:20 (pm)
Source:	C-BLAST FURNACE
Observation Point (WEST SIDE OF BURST SLIP	
distance from:	500-550
direction from:	W
source height:	150
wind direction	SW
wind speed	4 mph
sky condition	CLOUDY
amb. temp. (F)	72°
color of emissions	BROWN UNLESS NOTED
other:	
Remarks:	CALLED 4:00PM CLINTON SAID STILL CASTING WILL FINISH PLUGGING WITHIN 1 HOUR & WILL CALL BACK
Observer's Signature	Ed Telners

4:00PM                  4 OF 5

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	5	5	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date

5-10-2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-04-07
OBSERVER:	ED TELNERS
START:	am 1:55(pm)
FINISH:	am 5:20(pm)
Source:	C-BLAST FURNACE
Observation Point	WEST SIDE OF BOAT SLIP
distance from:	500-550
direction from:	W
source height:	150
wind direction	SW
wind speed	4 mph
sky condition	CLOUDY
amb. temp. (F)	72°
color of emissions	BROWN UNLESS NOTED
other;	
Remarks;	CLINTON CALLED SAYD WANTS AT 5:20 PM.
Observer's Signature	Ed Telners

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	5	5	5	5		32					
3	5	3	7	0	15	33					
4	1	5	10	5	5	34					
5	5	5	5	5		35					
6	5	5	5	5		36					
7	5	5	5	5		37					
8	5	5	5	5		38					
9	0	5	5	0		39					
10	5	3	0	5		40					
11	3	0	0	0		41					
12	0	0	0	0		42					
13	5	5	5	0		43					
14	8	0	0	0		44					
15	0	0	5	3		45					
16	5	0	0	8		46					
17	0	0	0	5		47					
18	5	5	5	5		48					
19	5	0	0	0		49					
20	0					50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 5-10-2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	5-30-07
OBSERVER:	ED TELMERS
START:	am 12:00 pm
FINISH:	am 2:19 pm
Source:	BLAST FURNACE C.
Observation Point	WEST SIDE OF BOAT SLIP
distance from:	500-550'
direction from:	
source height:	150'
wind direction	S
wind speed	5-10 mph
sky condition	HAZY
amb. temp. (F)	78-80°
color of emissions	BROWN UNLESS NOTED
other:	
Remarks:	
Observer's Signature	Ed Telmers

12:00PM

PAGE 1 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date

5-10-2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	5-30-87
OBSERVER:	BO TECHNER
START:	am 12:19 (pm)
FINISH:	am 2:19 (pm)
Source:	BLAST FURNACE C
Observation Point	WEST SIDE OF BOAT SLIP
distance from:	500-550'
direction from:	
source height:	150'
wind direction	S
wind speed	5-10 mph
sky condition	HAZY
amb. temp. (F)	78°-80°
color of emissions	BROWN UNLESS NOTED
other:	
Remarks:	
Observer's Signature	Bo Techner

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	5	0	0	
2	0	0	0	0		32	5	5	5	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	8	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	5		37	5	5	5	5	
8	5	5	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	5	5	5	5	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	5		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	5	5	5	
25	0	0	0	0		55	5	5	5	5	
26	0	0	0	0		56	0	0	0	0	
27	5	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

100 fm

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Last Certification Date 5-10-2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	5-30-07
OBSERVER:	Eo TBLN <sup>805</sup>
START:	am 12:19 (pm)
FINISH:	am 2:19 (pm)
Source:	BLAST FURNACE C.
Observation Point	WEST SIDE OF BOAT SLIP
distance from:	500'-550'
direction from:	
source height:	150'
wind direction	S
wind speed	5-10 mph
sky condition	Partly cloudy
amb. temp. (F)	72° - 80°
color of emissions	BROWN UNLESS NOTED
other:	
Remarks:	
Observer's Signature	Eo TBLN <sup>805</sup>

2:02PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	5		34					
5	5	5	0	0		35					
6	0	0	5	5		36					
7	5	5	5	5		37					
8	5	5	5	5		38					
9	5	5	5	5		39					
10	5	5	5	5		40					
11	3	5	0	5		41					
12	5	5	5	5		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	5	5	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 5-10-2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	5-25-07
OBSERVER:	D. Powell
START:	am 1:15 pm
FINISH:	am 3:35 pm
Source:	G-BLAST FURNACE
Observation Point	WEST
SIDE OF BOAT	SHIP
distance from:	WEST
direction from:	500-550'
source height:	150'
wind direction	SW
wind speed	5-10
sky condition	OVERCAST *
amb. temp. (F)	69-70
color of emissions	BROWN
UNLESS NOTED	
other:	
Remarks:	* RAIN SPRINKLES
Called at 1 <sup>st</sup> drill at 115	
Observer's Signature	Donna L Powell

1:00 pm

Page 1 of 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	5	5	5	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	5	5	
4						34	5	5	15	15	
5						35	5	5	0	0	Charged DP
6						36	0	0	5	0	
7						37	0	0	5	5	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	10	10	5	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15	0	0	5	10		45	0	0	0	0	
16	10	10	0	0		46	0	0	0	0	
17	0	0	0	0		47	5	5	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	5	5	5	5		51	0	0	5	5	
22	5	5	5	5		52	0	5	5	0	
23	5	5	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	5	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date May 10, 2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	5-25-07
OBSERVER:	D Powell
START:	am 1:15 (pm)
FINISH:	am 3:35 (pm)
Source:	C-BLAST FURNACE
Observation Point	WEST SIDE OF BOAT SHIP
distance from:	500-550'
direction from:	WEST
source height:	150'
wind direction	SW
wind speed	5-10
sky condition	OVERCAST
amb. temp. (F)	69-70
color of emissions	BROWN
UNLESS NOTED	
other:	
Remarks:	2 <sup>55</sup> Cables - Not Plugging yet
Observer's Signature	Donna L Powell

2:00 pm

Page 2 of 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	10	15	15	15	
1	0	0	0	0		31	10	10	10	10	
2	0	5	5	0		32	5	5	5	5	
3	0	0	5	0		33	5	5	5	5	
4	0	0	0	0		34	5	5	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	5	5	0		36	0	0	0	0	
7	0	8	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	5	5		39	0	0	0	0	
10	5	5	5	5		40	0	0	0	0	
11	5	5	5	5		41	0	0	0	0	
12	5	5	5	5		42	0	0	0	0	
13	5	5	5	5		43	0	0	0	0	
14	5	5	5	5		44	0	0	0	0	
15	5	5	6	5		45	0	0	0	0	
16	5	5	5	6		46	0	0	0	0	
17	5	5	5	5		47	0	0	0	0	
18	5	5	5	5		48	0	0	0	0	
19	5	5	10	5		49	0	0	0	0	
20	5	5	5	5		50	0	0	0	0	
21	5	5	5	5		51	0	0	0	0	
22	5	5	5	5		52	0	0	0	0	
23	5	5	5	5		53	0	0	0	0	
24	5	5	5	5		54	0	0	0	0	
25	5	5	5	5		55	0	0	0	0	
26	5	5	5	5		56	0	0	0	5	
27	5	5	5	5		57	5	5	5	5	
28	10	10	10	10		58	5	5	5	10	
29	10	10	10	10		59	10	10	10	5	

Last Certification Date May 10, 2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	5-25-07
OBSERVER:	D. Povile
START:	am 1:15 (pm)
FINISH:	am 3:35 (pm)
Source:	C-BLAST FURNACE
Observation Point	WEST
SIDE OF BOAT	
SHIP	
distance from:	WEST
direction from:	500
source height:	150'
wind direction	SW
wind speed	69-70
sky condition	OVERCAST
amb. temp. (F)	69-70
color of emissions	BROWN
unless noted	
other;	
Remarks:	Called 3:35 was finished at 3:30
Observer's Signature	Donna L Povile

3:00 pm

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	5	5	5	5		35					
6	5	5	5	5		36					
7	5	5	5	5		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	6		40					
11	5	5	5	5		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	5	5	0	0		44					
15	0	0	0	0		45					
16	0	5	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	10	10	10	10		51					
22	10	10	10	10		52					
23	5	5	5	5		53					
24	10	5	10	5		54					
25	0	0	0	15		55					
26	15	15	10	10		56					
27	10	10	10	5		57					
28	5	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date May 10, 2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	05/18/07
OBSERVER:	N/A
START:	1307 am
FINISH:	1656 pm
Source:	BLAST FURNACE
	C
Observation Point	
WEST SIDE OF BLAST SLIP	
distance from:	500 ft
direction from:	WEST
source height:	150 ft
wind direction	NORTH
wind speed	8 mph
sky condition	CLUTTERED
amb. temp. (F)	65°F
color of emissions	YELLOW, BLACK
other;	
Remarks;	

10F4

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7	0	0	15	30		37	0	0	0	0	
8	25	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	15	10	5		41	0	0	0	0	
12	3	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature

Last Certification Date 09/01/07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	05/18/07
OBSERVER:	RML
START: 1307 am	pm
FINISH: 16 <sup>56</sup> am	pm
Source: BLAST Furnace	C
Observation Point	
SAW 15 Main Ave	
distance from:	/
direction from:	/
source height:	/
wind direction	/
wind speed	/
sky condition	/
amb. temp. (F)	/
color of emissions	/
other;	/
Remarks:	V
Observer's Signature	

2 OF 4

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

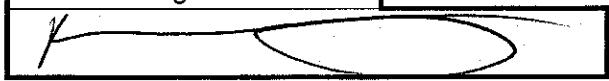
04/10/07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	05/18/07
OBSERVER:	<i>JM</i>
START:	1307 am (pm)
FINISH:	1656 am (pm)
Source:	BLAST FURNACE
Observation Point:	SAMB 13 PAWB ONE
distance from:	/
direction from:	/
source height:	/
wind direction	/
wind speed	/
sky condition	/
amb. temp. (F)	/
color of emissions	/
other;	/
Remarks:	<i>✓</i>

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature



Last Certification Date

04/10/07

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	05/18/07
OBSERVER:	KA
START:	1307 am
FINISH:	1656 am
Source:	BLAST FURNACE
Observation Point	STNG AS EAST ORG /
distance from:	/
direction from:	/
source height:	/
wind direction	/
wind speed	/
sky condition	/
amb. temp. (F)	/
color of emissions	/
other:	/
Remarks:	V
Observer's Signature	

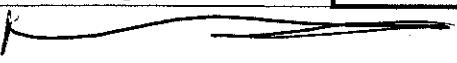
40K4

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	8	0	0	0		34	0	0	0	0	
5	8	0	0	0		35	0	0	5	5	
6	0	0	0	0		36	0	0	5	5	
7	0	0	0	0		37	5	5	5	5	
8	0	0	0	0		38	5	5	5	5	
9	0	0	0	0		39	5	5	5	5	
10	0	0	0	0		40	5	5	5	5	
11	0	0	0	0		41	5	0	0	0	
12	0	0	0	5		42	0	0	0	0	
13	5	0	0	0		43	0	0	0	0	
14	8	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	5	5	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	5	5	5	
20	0	0	0	0		50	5	5	5	10	
21	0	0	0	0		51	10	10	10	10	
22	0	0	0	0		52	10	5	5	5	
23	0	0	0	0		53	10	10	15	15	
24	0	0	0	0		54	15	15	15	15	
25	0	0	0	0		55	10	10	10	10	
26	0	0	0	0		56	10	5	0	0	
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date

04/10/07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	05/10/07											
OBSERVER:	JL											
START: 04:46 am	(pm)											
FINISH: 06:50 am	(pm)											
Source: BLAST FURNACE												
C												
Observation Point												
WEST SIDE OF BOAT												
SLIP												
distance from: 800 ft												
direction from: WEST												
source height: 150 ft												
wind direction SSW												
wind speed 7 mph												
sky condition MOBILY CLOUDY												
amb. temp. (F) 73°F												
color of emissions												
other;												
Remarks:												
Observer's Signature												

		MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0								30					
1								31					
2								32					
3								33					
4								34					
5								35					
6								36					
7								37					
8								38					
9								39					
10								40					
11								41					
12								42					
13								43					
14								44					
15								45					
16								46	0	0	0	0	
17								47	0	0	0	0	
18								48	0	0	0	0	
19								49	0	0	0	0	
20								50	0	0	0	0	
21								51	0	0	0	0	
22								52	0	0	0	0	
23								53	0	0	0	0	
24								54	0	0	0	0	
25								55	0	0	0	0	
26								56	0	0	0	0	
27								57	0	0	0	0	
28								58	0	0	0	0	
29								59	0	0	0	0	

Last Certification Date 04/16/07

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	05/10/07
OBSERVER:	LA 6
START:	1446 am
FINISH:	1650 am
Source:	Blast Furnace C
Observation Point	STNG AS 1446 ON
distance from:	
direction from:	
source height:	
wind direction	
wind speed	
sky condition	
amb. temp. (F)	
color of emissions	
other;	
Remarks;	
Observer's Signature	

2 CF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 04/16/07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	05/10/07
OBSERVER:	KPL
START:	1446 am
FINISH:	1650 am
Source:	BLAST FURNACE C
Observation Point	STRE AS THER ONE
distance from:	/
direction from:	/
source height:	/
wind direction	/
wind speed	/
sky condition	/
amb. temp. (F)	/
color of emissions	/
other;	/
Remarks;	V
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date

04/10/05

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	04/30/07
OBSERVER:	NYC
START:	1115 am
FINISH:	1326 pm
Source:	BLAST FURNACE
C	
Observation Point	
WEST SIDE OF BUAT SLIP	
distance from:	SOFT
direction from:	WEST
source height:	150 FT
wind direction NORTHERN	
wind speed	7 mph
sky condition	Partly cloudy
amb. temp. (F)	640F
color of emissions	Yellow/Brown
other;	
Remarks;	
Observer's Signature	

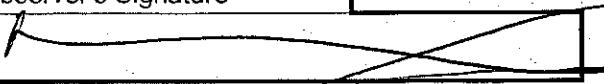
10F3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	W	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

04/10/07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	04/30/07
OBSERVER:	116
START: 1115 <u>am</u>	pm
FINISH: 1326 <u>am</u>	<u>pm</u>
Source:	BLAST FURNACE
Observation Point	SDM 1500 Dust Off
distance from:	
direction from:	
source height:	
wind direction	
wind speed	
sky condition	
amb. temp. (F)	
color of emissions	
other:	
Remarks;	V
Observer's Signature	

20F3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30	0	0	0	0	
1	5	5	5	5		31	0	0	0	0	
2	5	5	5	5		32	0	0	0	0	
3	5	5	10	10		33	0	0	0	0	
4	5	5	5	15		34	0	0	0	0	
5	10	5	5	15		35	0	0	0	0	
6	10	10	5	5		36	0	0	0	0	
7	5	5	5	10		37	0	0	0	0	
8	10	10	10	10		38	0	0	0	0	
9	10	10	5	10		39	0	0	0	0	
10	10	10	10	10		40	0	0	0	0	
11	10	10	10	10		41	0	0	0	0	
12	10	10	15	15		42	0	0	0	0	
13	15	15	15	15		43	0	0	0	0	
14	15	15	15	15		44	0	0	0	0	
15	15	15	15	15		45	0	0	0	0	
16	15	15	15	15		46	0	0	0	0	
17	15	15	15	15		47	0	0	0	0	
18	15	5	5	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

04/10/07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	04/30/07
OBSERVER:	MAP
START:	11:55 am
FINISH:	12:26 pm
Source:	BLAST FURNACE
Observation Point	C
distance from:	STATION AS ABOUT ONE
direction from:	/
source height:	/
wind direction	/
wind speed	/
sky condition	/
amb. temp. (F)	/
color of emissions	/
other;	/
Remarks;	V
Observer's Signature	[Signature]

3 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	W	W	W	W		40					
11	W	W	W	W		41					
12	W	W	W	G		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27						57					
28						58					
29						59					

Last Certification Date

07/01/07

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	04/26/07
OBSERVER:	PTF
START: 11:45 am	pm
FINISH: 14:31 am	pm
Source: BLAST FURNACE	
C	
Observation Point	
WEST SIDE OF BLAST FURNACE	
distance from: 500 FT	
direction from: NW37	
source height: 150FT	
wind direction ESE	
wind speed 9 MPH	
sky condition OVERCAST	
amb. temp. (F) 47°F	
color of emissions	
BROWN	
other:	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Last Certification Date 04/10/07

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

2 OF 4

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	5	5	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	5	0	0	
29	0	0	0	0		59	0	0	0	0	

**Last Certification Date**

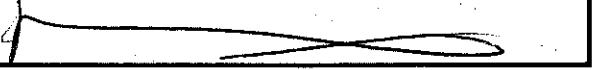
64/00/07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	04/26/07
OBSERVER:	PAT
START:	1145 am
FINISH:	1451 pm
Source:	BLAST FURNACE
Observation Point	STMB AS 445' above
distance from:	
direction from:	
source height:	
wind direction	
wind speed	
sky condition	
amb. temp. (F)	
color of emissions	
other;	
Remarks;	V

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	10	10	10	10	
1	0	0	0	0		31	10	10	5	5	
2	0	0	0	0		32	5	15	15	15	
3	0	0	0	0		33	15	15	15	15	
4	0	0	0	0		34	15	15	15	15	
5	0	0	0	0		35	10	10	10	10	
6	0	0	0	0		36	15	15	15	15	
7	0	0	0	0		37	15	15	15	5	
8	0	0	0	0		38	5	5	5	10	
9	0	0	0	0		39	10	10	10	5	
10	0	0	5	5		40	5	10	10	25	
11	0	0	0	0		41	20	15	5	5	
12	0	0	0	0		42	10	5	5	5	
13	0	0	0	0		43	10	15	10	10	
14	0	0	0	0		44	10	10	10	10	
15	0	0	0	0		45	5	5	5	5	
16	0	0	0	0		46	5	5	5	5	
17	0	0	0	0		47	5	0	0	0	
18	0	5	5	5		48	0	10	10	10	
19	5	5	5	5		49	5	0	0	0	
20	10	5	5	5		50	0	0	0	0	
21	10	10	15	10		51	0	0	0	0	
22	10	10	5	5		52	10	10	15	10	
23	10	10	10	10		53	15	10	10	10	
24	10	10	10	10		54	10	10	0	10	
25	5	5	10	10		55	15	15	15	10	
26	15	10	10	10		56	5	5	0	0	
27	10	10	5	5		57	0	0	0	0	
28	5	5	5	5		58	0	0	0	0	
29	5	5	5	5		59	0	0	0	0	

Observer's Signature



Last Certification Date

04/10/07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	04/26/07
OBSERVER:	NT
START:	1145 am
FINISH:	0431 pm
Source:	BLAST FURNACE C
Observation Point	SAME AS BLOWPIPE
distance from:	/
direction from:	/
source height:	/
wind direction	/
wind speed	/
sky condition	/
amb. temp. (F)	/
color of emissions	/
other;	/
Remarks;	V

40F4

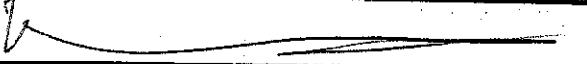
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	8		30	15	15	15	0	
1	0	0	0	8		31	0	0	0	0	
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	8		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	10	10	10	10		38					
9	10	10	10	10		39					
10	10	10	10	10		40					
11	10	10	10	10		41					
12	10	60	10	10		42					
13	10	10	15	15		43					
14	15	15	15	15		44					
15	15	15	15	15		45					
16	50	25	25	25		46					
17	30	30	30	30		47					
18	30	35	40	40		48					
19	40	60	40	40		49					
20	40	35	35	35		50					
21	15	15	10	10		51					
22	10	15	15	10		52					
23	10	5	0	0		53					
24	20	30	25	20		54					
25	20	20	20	30		55					
26	20	20	20	25		56					
27	25	25	20	15		57					
28	20	25	25	25		58					
29	15	15	15	15		59					

Observer's Signature

Last Certification Date

04/14/07

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	04/18/07
OBSERVER:	hdc
START: 0400 am	pm
FINISH: 1314 am	pm
Source: BLAST FURNACE	
<i>C</i>	
Observation Point	Balcony
Lot height (ft) now	
O.P. Building	
distance from:	100 ft
direction from:	EAST
source height:	50 ft
wind direction	NE
wind speed	7 mph
sky condition	overcast
amb. temp. (F)	47°F
color of emissions	BROWN
other:	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Last Certification Date

04/10/07

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 04/18/07
OBSERVER: RL
START: 1040 am pm
FINISH: 1314 am pm
Source: BLAST FURNACE
Observation Point
SAME AS PMB ON 04/01
distance from:
direction from:
source height:
wind direction
wind speed
sky condition
amb. temp. (F)
color of emissions
other:
Remarks:
Observer's Signature

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	10	10	10	
8	0	10	10	10		38	5	5	0	0	
9	W	W	W	5		39	0	0	0	0	
10	5	5	S	5		40	0	0	0	0	
11	5	5	S	5		41	0	0	W	10	
12	5	5	S	5		42	15	10	0	10	
13	5	5	0	0		43	10	10	10	10	
14	G	0	0	0		44	W	15	15	20	
15	G	0	0	0		45	20	20	15	15	
16	0	0	0	0		46	15	15	10	10	
17	0	0	0	0		47	0	0	0	0	
18	0	3	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	5	5	10	
25	0	0	0	0		55	5	5	5	8	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

04/10/07

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	04/18/07
OBSERVER:	KAT
START:	10:40 am
FINISH:	13:45 pm
Source:	EAST FURNACE
Observation Point	SAME AS RANG ONE
distance from:	/
direction from:	/
source height:	/
wind direction	/
wind speed	/
sky condition	/
amb. temp. (F)	/
color of emissions	/
other:	/
Remarks:	V/V
Observer's Signature	

	MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0	0		31	0	0	0	0	
2	0	0	0	0	0		32	0	0	0	10	
3	0	0	0	0	0		33	0	W	5	10	
4	0	0	0	0	0		34	0	0	10	5	
5	0	0	0	0	0		35	0	0	0	0	
6	0	0	0	0	0		36	0	0	0	0	
7	0	0	0	0	0		37	0	0	0	0	
8	0	0	0	0	0		38	0	0	0	0	
9	0	0	0	0	0		39	0	0	0	0	
10	0	0	0	0	0		40	0	0	0	0	
11	0	0	0	0	0		41	0	0	0	10	
12	0	0	0	0	0		42	0	10	10	10	
13	0	0	0	0	0		43	0	0	0	0	
14	0	0	0	0	0		44	0	0	0	0	
15	0	0	0	0	0		45	0	0	0	0	
16	0	0	0	0	0		46	0	0	0	0	
17	0	0	0	0	0		47	0	0	0	0	
18	0	5	20	20	0		48	0	0	0	0	
19	20	10	10	10	0		49	0	0	0	0	
20	5	5	0	0	0		50	0	0	0	0	
21	0	0	0	0	0		51	0	0	0	0	
22	0	0	0	0	0		52	0	0	0	0	
23	0	0	0	0	0		53	0	0	0	0	
24	0	0	0	0	0		54	0	0	0	0	
25	5	0	0	0	0		55	0	0	0	0	
26	0	0	0	0	0		56	0	0	0	0	
27	0	0	0	0	0		57	0	0	0	0	
28	0	8	0	0	0		58	0	0	0	0	
29	0	8	0	0	0		59	0	0	0	0	

Last Certification Date

04/16/07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	04/18/07
OBSERVER:	MCL
START: 1040	am pm
FINISH: 1314	am pm
Source: BLAST FURNACE	C
Observation Point	STAIRS BET. OUT 7
distance from:	
direction from:	
source height:	
wind direction	
wind speed	
sky condition	
amb. temp. (F)	
color of emissions	
other;	
Remarks;	V
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	10	0	0		30					
1	0	0	0	0		31					
2	0	5	5	5		32					
3	5	5	5	5		33					
4	5	5	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

04/10/07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	April 15, 2007											
OBSERVER:	Donna Powell											
START:	8:01 (am)			pm								
FINISH:	am			pm								
Source:												
C BLAST												
FURNACE												
Observation Point												
UNPAVED AREA												
EAST OF FURNACE												
distance from: 500'												
direction from: EAST												
source height:												
90'												
wind direction N												
wind speed 8-10												
sky condition CLEAR												
amb. temp. (F) 38												
color of emissions WHITE												
UNLESS NOTED												
other:												
Remarks:												
Observer's Signature												

8:00 AM

Page 1 of 2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1	0	0	0	0		31	0	5	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	5	5	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	5	5	0		44	0	0	0	0	
15	0	0	0	0		45	0	5	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	5	5	5	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature

Donna Powell

Last Certification Date

November 9, 2006

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	April 15, 2007					
OBSERVER:	D. Povich					
START:	8:01 am	pm				
FINISH:	am	pm				
Source:						
C BLAST						
FURNACE						
Observation Point						
UNPAVED AREA						
EAST OF FURNACE						
distance from:	500'					
direction from:	EAST					
source height:	90'					
wind direction	N					
wind speed	8 - 10					
sky condition	CLEAR					
amb. temp. (F)	38					
color of emissions	WHITE					
UNLESS NOTED						
other:						
Remarks:						
Observer's Signature						

9:00 am							2 of 2						
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS		
0	0	0	0	0		30							
1	0	0	0	0		31							
2	0	0	0	0		32							
3	0	0	0	0		33							
4	0	0	0	0		34							
5	0	0	0	0		35							
6	0	0	0	0		36							
7	0	0	0	0		37							
8	0	0	0	0		38							
9	0	0	0	0		39							
10	0	0	0	0		40							
11	0	0	0	0		41							
12	0	0	0	0		42							
13	0	0	0	0		43							
14	0	0	0	0		44							
15	0	0	0	0		45							
16	0	0	0	0		46							
17	0	0	0			47							
18						48							
19						49							
20						50							
21						51							
22						52							
23						53							
24						54							
25						55							
26						56							
27						57							
28						58							
29						59							

Observer's Signature

Donna Povich

Last Certification Date November 9, 2006

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	04/04/07
OBSERVER:	LJL
START:	12:27 am
FINISH:	13:20 am
Source:	BLAST FURNACE
Observation Point	WEST SIDE OF Blast Furnace
distance from:	400 ft
direction from:	WB71
source height:	150 ft
wind direction	WNW
wind speed	26 mph
sky condition	overcast
amb. temp. (F)	38° F
color of emissions	NONE
other;	
Remarks:	
Observer's Signature	R

(CF2)

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 10/4/06

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM.

DATE:	04/04/07
OBSERVER:	WV
START:	1227 am
FINISH:	1320 am
Source:	BLAST FURNACE C
Observation Point	
SOMETHING PTAB AND ↑	
distance from:	
direction from:	
source height:	
wind direction	
wind speed	
sky condition	
amb. temp. (F)	
color of emissions	
other:	
Remarks:	▼
Observer's Signature	

20F2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0			
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0	0LH6B11	50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date

10/6/06



## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-25-67
OBSERVER:	EO TELNERS
START:	am 1:29 pm
FINISH:	am 2:37 pm
Source:	B BLAST FURNACE
Observation Point	PARKING WEST SIDE OF SLIP
distance from:	500'
direction from:	NW
source height:	125 - 150'
wind direction	NW
wind speed	1 mph
sky condition	Partly cloudy
amb. temp. (F)	81° - 84°
color of emissions	
BROWN UNLESS NOTED	
other;	
Remarks:	CALICO @ 1:29 PM SAID JUST STARTING TO DRILL OUT
Observer's Signature	EO Telner

1:00PM					1 OF 2						
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date

5-16-07

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-25-07
OBSERVER:	ED TELNERS
START:	am 1:29(pm)
FINISH:	am 2:37(pm)
Source:	13 BLAST FURNACE
Observation Point	PARKING WEST SIDE OF 810
distance from:	500'
direction from:	NW
source height:	125-150'
wind direction	NW
wind speed	1 mph
sky condition	Partly cloudy
amb. temp. (F)	81° - 84°
color of emissions	BROWN UNLESS NOTED
other;	
Remarks;	CALLED 2:37 PM, 5A10 NOW IS PLUGGING

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	5	5	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	○	○	○		43					
14	○	○	○	○		44					
15	○	○	○	○		45					
16	○	○	○	○		46					
17	○	○	○	○		47					
18	○	○	○	○		48					
19	○	○	○	○		49					
20	○	○	○	○		50					
21	○	○	○	○		51					
22	○	○	○	○		52					
23	○	○	○	○		53					
24	○	○	○	○		54					
25	○	○	○	○		55					
26	○	○	○	○		56					
27	○	○	○	○		57					
28	○	○	○	○		58					
29	○	○	○	○		59					

2:00 PM

2 OF 2

Observer's Signature

Ed Telners

Last Certification Date 5-10-07

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	6-20-07
OBSERVER:	EO TELNERS
START:	8:00 (am) pm
FINISH:	9:10 (am) pm
Source:	BLAST FURNACE
Observation Point	GATE NEAR TO CONSTRUCTION PARKING LOT
distance from:	450-500
direction from:	E
source height:	150
wind direction	W
wind speed	5 mph
sky condition	CLEAR
amb. temp. (F)	60°
color of emissions	BROWN UNLESS NOTED
other;	
Remarks;	7:50AM CALLED, SAID DRILLING IN 10 MIN.
	8:53AM, CALLED SAID ANOTHER 30 MINUTES OF CASTING, FINISHED DRILLING
Observer's Signature	EO Telners

MIN	REMARKS					MIN	REMARKS				
	0	15	30	45			0	15	30	45	
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	5	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	5	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	5	5	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	8	0	0		42	0	0	0	0	
13	0	8	0	0		43	0	5	5	0	
14	0	0	0	0		44	5	0	0	0	
15	0	0	5	5		45	0	0	5	0	
16	0	0	5	5		46	0	0	0	0	
17	0	0	0	0		47	0	0	5	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	8		49	0	0	0	5	
20	0	0	0	8		50	5	0	0	0	
21	0	5	8	0		51	0	0	0	8	
22	0	0	0	0		52	0	0	0	5	
23	0	0	0	0		53	0	0	0	0	
24	0	0	8	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	6	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	5	0	
29	5	0	0	0		59	0	0	0	0	

Last Certification Date

5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 6-20-07
OBSERVER: EO TELNERS
START: 8:00am pm
FINISH: 9:10 am pm
Source:
B-BLAST FURNACE
Observation Point GATE NEXT TO CONSTRUCTION PARKING LOT
distance from: 450 - 500
direction from: E
source height: 150
wind direction W
wind speed 5 mph
sky condition CLEAR
amb. temp. (F) 60°
color of emissions
BROWN UNLESS NOTED
other;
Remarks;
CALLED B-BLAST FURN. DONE PLUGGING AT 9:10AM
Observer's Signature

MIN	REMARKS					MIN	REMARKS				
	0	15	30	45			0	15	30	45	
0	0	0	0	0		30					
1	0	5	0	0		31					
2	0	0	0	0		32					
3	0	0	0	5		33					
4	5	0	0	0		34					
5	5	5	5	5		35					
6	5	3	5	5		36					
7	5	10	15	15		37					
8	15	15	5	0		38					
9	0	0	0	0		39					
10	0	0	0	0	DONE	40					
11	0	0	8	0		41					
12	0	3	8	0		42					
13	0	0	0	0		43					
14	0	5	5	0		44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

5-10-07

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-12-07
OBSERVER:	ED TELNERS
START:	10:30 am
FINISH:	pm
Source:	B - BLAST FURNACE
Observation Point	GATE
NEXT TO CONSTRUCTION	
PARKING - R OF FURN.	
distance from:	450 - 500'
direction from:	E
source height:	150'
wind direction	N
wind speed	5 mph
sky condition	CLEAR
amb. temp. (F)	610 - 680
color of emissions	BROWN UNLESS NOTED
other;	Burners open Taphole 10:50 - 11:00 A
Remarks;	10:25AM CALIBO, SAW DRILLING IN 5 MINUTES. 10:43AM CALIBO, STILL SETTING UP
Observer's Signature	Ed Telners

10:00AM

1 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Last Certification Date

5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-12-07
OBSERVER:	ED TELNERS
START:	(10:00 am) pm
FINISH:	am (12 pm)
Source:	13-BLAST FURNACE
Observation Point GATE NEXT TO CONSTRUCTION PACKING LOT	
distance from:	450 - 500'
direction from:	E
source height:	150'
wind direction	N
wind speed	5 mph
sky condition	CLEAR
amb. temp. (F)	61°-68°
color of emissions	BROWN UNLESS NOTED
other;	
Remarks:	CALLED AL JONES SKID DOME DRILLING WILL BE DONE PULLING 12:15PM WILL CALL YOU BACK
Observer's Signature	Ed Telners

11:00AM

2 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	5	5	5		33	○	○	○	○	
4	○	○	8	5		34	○	○	○	○	
5	5	5	5	8		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	8		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	4	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	8	
11	○	○	○	8		41	○	8	9	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	8		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	8		46	○	○	○	○	
17	○	○	5	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	4	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	8	○	○	
23	○	5	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	5	
27	○	○	5	○		57	5	○	○	○	
28	8	○	8	8		58	8	○	5	○	
29	8	○	8	○		59	8	○	○	○	

Last Certification Date

5/10/07

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-12-07
OBSERVER:	ED TELNERS
START:	10:30 am
FINISH:	12 pm
Source:	B-BLAST FURNACE
Observation Point:	GATE NEXT TO CONSTRUCTION PARKING LOT
distance from:	450 - 500'
direction from:	E
source height:	150'
wind direction	N
wind speed	5 mph
sky condition	CLEAR
amb. temp. (F)	61° - 68°
color of emissions	BROWN UNLESS NOTED
other;	
Remarks;	12:03PM B-BLAST FURN CALCED, SAID DONE PLUGGING AT 12 PM
Observer's Signature	Ed Telners

12:00PM      3 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	○		32					
3	○	○				33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 5-10-07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-04-07
OBSERVER:	ED TELNESS
START:	8:45am pm
FINISH:	10:00am pm
Source:	B-BLAST FURNACE
Observation Point	GATE
NEXT TO CONSTRUCTION	
PARKING - IS OF FURNACES	
distance from:	450'-500'
direction from:	E
source height:	150'
wind direction	SW
wind speed	4 mph
sky condition	CLOUDY
amb. temp. (F)	68°
color of emissions	BROWN UNLESS NOTED
other;	
Remarks;	8:37AM WALT SAY HE WOULD CALL WHEN DRIVING STARTS,
Observer's Signature	Ed Telness

8:00 AM

1 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45	S	S	S	S	
16						46	S	S	S	S	
17						47	O	O	O	O	
18						48	S	S	S	S	
19						49	S	S	S	S	
20						50	O	O	O	O	
21						51	O	O	O	O	
22						52	O	S	S	S	
23						53	S	O	O	S	
24						54	S	S	S	O	
25						55	O	S	O	O	
26						56	S	S	S	S	
27						57	S	S	O	O	
28						58	O	O	S	S	
29						59	O	S	S	S	

Last Certification Date 5-10-2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-4-07
OBSERVER:	ED TELNERS
START:	8:45 am
FINISH:	10:00 am
Source:	B-BLAST FURNACES
Observation Point GATE	
PUBAT TO CONSTRUCTION	
PARKING - E OF FURNACES	
distance from: 450'-500'	
direction from: E	
source height:	150'
wind direction	SW
wind speed	4 mph
sky condition	CLOUDY
amb. temp. (F)	65°
color of emissions	Red IN UNLESS NOTED
other:	
Remarks:	SKY CLEARED TO PARTLY CLOUDY

9:00AM					2 OF 3						
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30	0	5	0	0	
1	5	5	5	5		31	5	5	5	0	
2	0	0	0	5		32	0	0	0	0	
3	5	5	5	5		33	0	0	0	0	
4	5	5	5	5		34	0	0	5	5	
5	5	5	5	5		35	5	3	5	5	
6	5	5	0	0		36	2	5	5	0	
7	0	0	5	5		37	0	0	0	0	
8	5	5	5	5		38	0	0	0	5	
9	5	5	5	0		39	5	5	5	5	
10	0	2	5	5		40	5	5	5	5	
11	5	5	5	5		41	5	0	0	0	
12	0	5	5	5		42	0	0	0	0	
13	5	10	5	5		43	0	5	5	5	
14	5	5	5	10		44	5	5	5	5	
15	5	5	5	5		45	5	5	5	0	
16	5	5	5	5		46	0	0	0	0	
17	5	5	5	0		47	0	0	0	0	
18	0	0	5	5		48	0	0	5	5	
19	5	5	5	5		49	0	0	5	5	
20	5	5	5	5		50	5	5	5	5	
21	5	0	0	0		51	5	5	5	5	
22	5	5	5	5		52	5	5	5	5	
23	5	5	10	5		53	5	5	5	5	
24	5	5	5	5		54	5	5	0	0	
25	5	5	5	5		55	5	5	5	5	
26	5	5	5	5		56	5	5	0	0	
27	5	3	5	5		57	0	5	0	0	
28	5	5	5	5		58	0	0	5	5	
29	0	5	0	0		59	5	1	5	5	

Observer's Signature

Ed Telmers

Last Certification Date

5-10-2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-4-07					
OBSERVER:	ED TELNERS					
START:	8:45am	pm				
FINISH:	10:00am	pm				
Source:	B-BLAST FURNACES					
Observation Point	GATE					
NEAR TO CONSTRUCTION						
PARKING - E OF FURNACES						
distance from:	450'-500'					
direction from:	E					
source height:	150'					
wind direction	SW					
wind speed	4 mph					
sky condition	CLOUDY					
amb. temp. (F)	65°					
color of emissions						
BROWN UNLESS NOTED						
other:						
Remarks:	CALCED - SAW DINE PLUGGING AT 10:00AM					

10:00 AM

3 OF 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30					
1	5	5	5	5		31					
2	5					32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature

Ed Telners

Last Certification Date 5-10-2007

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-2-07
OBSERVER:	D Porcile
START:	am 5:31 pm
FINISH:	am pm
Source:	B BLAST FURNACE
Observation Point	PAVED ROAD WEST SIDE OF SHIP
distance from:	500'
direction from:	WEST
source height:	125-150'
wind direction	NE
wind speed	6-8
sky condition	CLOUDS
amb. temp. (F)	71
color of emissions	BROWN
	UNLESS NOTED
other;	
Remarks:	5:27 Sprinkles Turned to rain
Observer's Signature	Donna Porcile

5:00 pm

Page 1 of 2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	5	5	
3						33	5	5	5	5	
4						34	5	5	5	5	
5						35	5	5	5	5	
6						36	5	5	5	5	
7						37	5	5	5	5	
8						38	5	5	5	5	
9						39	5	5	5	5	
10						40	5	5	5	5	
11						41	5	5	5	5	
12						42	5	5	5	5	
13						43	5	5	5	5	
14						44	5	5	5	5	
15						45	5	5	5	5	
16						46	5	5	5	10	
17						47	10	10	10	10	
18						48	5	10	10	10	
19			0			49	10	10	10	10	
20	0	0	0	0		50	10	10	5	5	
21	0	0	0	0		51	5	5	10	10	
22	0	0	0	0		52	6	5	5	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	5	5	5	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 5-10-07

75% = Furnace off perhaps later

210% = Now plugging maybe in 4 hours

45% = In 20 min

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-2-07
OBSERVER:	Povich
START:	am 5:30 (pm)
FINISH:	am pm
Source:	BLAST FURNACE
Observation Point	PAVED ROAD WEST SIDE OF SLIP
distance from:	to 500'
direction from:	WEST
source height:	125-150'
wind direction	N/E
wind speed	6-8
sky condition	OVERCAST
amb. temp. (F)	71
color of emissions	BROWN
unless noted	
other:	RAIN & THUNDER
Remarks:	6:03 RAIN SHOWING SKY CLEARING
Observer's Signature	Donna Povich

6:00 p

Page 2 of 2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0				
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	5	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	5	5	5		56					
27	5	5	5	10		57					
28	10	5	5	5		58					
29	5	5	10	10		59					

Last Certification Date 5-10-07

Called at 6<sup>46</sup> to make  
shore plugging up and  
informed just finished

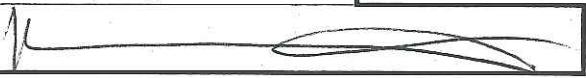
## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	04/10/07
OBSERVER:	LL
START:	0930 am pm
FINISH:	1033 am pm
Source:	BLAST FURNACE
	B
Observation Point	PARKING LOT BEHIND NEW O.P. BUILDING
distance from:	400 FT
direction from:	EAST
source height:	150 FT
wind direction	NE
wind speed	10 mph
sky condition	CLOUDY
amb. temp. (F)	50°F
color of emissions	WHITE
other:	
Remarks:	

LCF2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Observer's Signature



Last Certification Date

04/10/07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	04/19/07
OBSERVER:	lfe
START:	0930 am pm
FINISH:	1033 am pm
Source:	BLAST FURNACE B
Observation Point:	STAND BY Hub ONE
distance from:	/
direction from:	/
source height:	/
wind direction:	/
wind speed:	/
sky condition:	/
amb. temp. (F)	/
color of emissions:	/
other:	/
Remarks:	/

2 OF 2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature

Last Certification Date

04/10/07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM.

DATE:	04/13/07
OBSERVER:	166
START:	1020 am pm
FINISH:	1146 am pm
Source:	BLAST FURNACE B
Observation Point	PARKING LOT BY NEW O.P. BUILDING
distance from:	400 FT
direction from:	EAST
source height:	150 FT
wind direction	WNW
wind speed	20 mph
sky condition	CLEAR
amb. temp. (F)	42°F
color of emissions	NONE
other;	
Remarks;	
Observer's Signature	

10F2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

04/10/07

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	04/13/07
OBSERVER:	MF
START:	1020 <input checked="" type="checkbox"/> am <input type="checkbox"/> pm
FINISH:	1146 <input checked="" type="checkbox"/> am <input type="checkbox"/> pm
Source:	BLAST FURNACE B
Observation Point	SAME AS TAW ON B
distance from:	/
direction from:	/
source height:	/
wind direction	/
wind speed	/
sky condition	/
amb. temp. (F)	/
color of emissions	/
other:	/
Remarks:	
Observer's Signature	

20F2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date

04/10/07

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM.

DATE:	04/04/07
OBSERVER:	JKL
START:	1420 am
FINISH:	1530 am
Source:	BLAST FURNACE
	B
Observation Point	
WEST SIDE OF BOAT SLIP	
distance from:	400 ft
direction from:	WEST
source height:	150 ft
wind direction	W
wind speed	25 MPH
sky condition	OVERCAST
amb. temp. (F)	36°F
color of emissions	NO COLOR
other:	
Remarks:	
Observer's Signature	

(UF2)

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	8	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date

04/06/06

## SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	04/06/06
OBSERVER:	LL
START:	1420 am
FINISH:	1530 pm
Source:	BLAST FURNACE B
Observation Point	STMT AS PICTURE
distance from:	
direction from:	
source height:	
wind direction	
wind speed	
sky condition	
amb. temp. (F)	
color of emissions	
other;	
Remarks;	V

26+2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature

Last Certification Date

04/01/06

RECEIVED

JUL 3 0 2007

AIR ENFORCEMENT BRANCH  
U.S. EPA, REGION 5